# STATE OF UTAH

fallang

		DE	PARTMENT OF	NATURAL RESOURCES	CONFI	DENII	AL	FURIVI 3
		DIV	/ISION OF O	IL, GAS AND MINING				ED REPORT   it changes)
	APPLICAT	ION FOR	PERMIT TO	O DRILL		5. MINER	RAL LEASE NO: 708	6. SURFACE: State
1A. TYPE OF W	ORK: DRILL 🔽	REENTER [	DEEPEN			7. IF INDI	IAN, ALLOTTEE OR 1	FRIBE NAME:
B. TYPE OF W		OTHER	SIN	IGLE ZONE 🛭 MULTIPLE	ZONE 🗌	8. UNIT o	r CA AGREEMENT N Iy Pear	AME:
NAME OF OP Bill Barrett	ERATOR: Corporation			· · · · · · · · · · · · · · · · · · ·			NAME and NUMBER:	State 9-16-12-1
ADDRESS OF	OPERATOR: Street, #2300 CITY Denve			PHONE NUMBER:		10. FIELD	AND POOL, OR WIL	LDCAT:
	EWELL (EDOTAGES)	9.71	TE CO ZIP 80		134		SIGNATED OTR, SECTION, TOW	
	1836 FSL, 490 FEL D PRODUCING ZONE: Same	44024	754	39.771567	3	MERIC NESE	DIAN:	
4. DISTANCE II	N MILES AND DIRECTION FROM NEAF	EST TOWN OR PO	ST OFFICE:			12. COUN	ITY:	13. STATE:
	60 miles east of Wellingto	-				Carbo	on	UTAH
490'	O NEAREST PROPERTY OR LEASE LI		16. NUMBER O	FACRES IN LEASE:	17. N	UMBER OF	ACRES ASSIGNED 1	TO THIS WELL:
APPLIED FO 2309'	O NEAREST WELL (DRILLING, COMPL R) ON THIS LEASE (FEET)		19. PROPOSED	7,4	. [	OND DESCR		
7013'	S (SHOW WHETHER DF, RT, GR, ETC.	);	22. APPROXIM 11/6/20(	ATE DATE WORK WILL START: 06		STIMATED I	OURATION:	
4.		PROPOSI	ED CASING A	ND CEMENTING PROGRA	 AM			
IZE OF HOLE	CASING SIZE, GRADE, AND WEIG	HT PER FOOT	SETTING DEPTH	CEMENT TYPE	, QUANTITY,	YIELD, AND	SLURRY WEIGHT	
2 1/4"	9 5/8" J or K 55	36#	1,000	Halco LT Prem (Lead)	2	40 sx	1.85 ft3/sk	12.7 ppg
·				Premium (Tail)	1	70 sx	1.16 ft3/sk	15.8 ppg
7/8"	5 1/2" N-80	17#	7,400	50/50 Poz Premium	7.	50 sx	1.49 ft3/sk	13.4 ppg
					<u> </u>			
i.			ATTA	CHMENTS				-
RIFY THE FOL	LOWING ARE ATTACHED IN ACCORD	ANCE WITH THE UT	AH OIL AND GAS CO	ONSERVATION GENERAL RULES:				<u> </u>
WELL PL	AT OR MAP PREPARED BY LICENSED	SURVEYOR OR EN	GINEER	COMPLETE DRILLING PL	AN			
Z EVIDENC	E OF DIVISION OF WATER RIGHTS AF	PROVAL FOR USE	OF WATER	FORM 5, IF OPERATOR I	S PERSON OF	R COMPAN'	Y OTHER THAN THE	LEASE OWNER
AME (PLEASE F	PRINT) Tracey Fallang			TITLE Environmer	ntal/Regu	ılatory A	Analyst	<del></del>
GNATURE	racey Fallo	ing be	1 Feed H	addock 10/2/2006		F	RECEIV	ED
		V ——		Approved by the				

(This space for State use only)

43-007-31240

Approved by the Utah Division of Oil, Gas and Mining

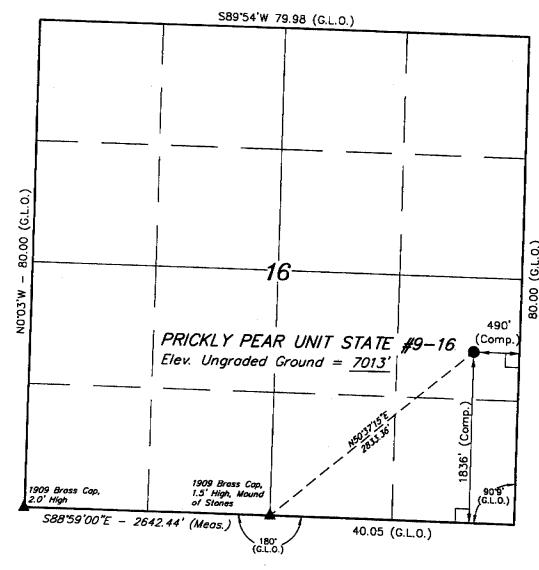
OCT 0 3 2006

DIV. OF OIL, GAS & MINING

APPROVAL:

(11/2001)

# T12S, R15E, S.L.B.&M.



### LEGEND:

= 90° SYMBOL

= PROPOSED WELL HEAD.

= SECTION CORNERS LOCATED.

# BASIS OF BEARINGS

BASIS OF BEARINGS IS A G.P.S. OBSERVATION.

(AUTONOMOUS NAD 83)

LATITUDE = 39'46'16.82" (39.771339)

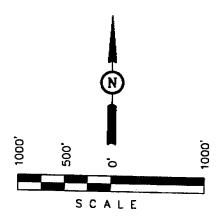
LONGITUDE = 110°14'03.39" (110.234275)

# BILL BARRETT CORPORATION

Well location, PRICKLY PEAR UNIT STATE #9-16, located as shown in the NE 1/4 SE 1/4 of Section 16, T12S, R15E, S.L.B.&M. Carbon County, Utah.

# BASIS OF ELEVATION

SPOT ELEVATION AT THE SOUTHWEST CORNER OF SECTION 7, T12S, R15E, S.L.B.&M. TAKEN FROM THE COWBOY BENCH QUADRANGLE, UTAH, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 7563 FFFT



THIS IS TO CERTIFY THAT THE THE PLAT THE PLAT THE NOTES OF ACTUAL SUPPRISONADE BY SUPERVISION AND THAT THE SAME BEST OF MY KNOWLEDGE

# UINTAH ENGINEERING & LAND SURVEYING 85 SOUTH 200 EAST - VERNAL, UTAH 84078

(435) 789-1017

SCALE 1" = 1000'	DATE SURVEYED: DATE DRAWN: 8-8-03 8-14-03
B.B. J.W. C.G.	REFERENCES G.L.O. PLAT
WEATHER	FILE
нот	BILL BARRETT CORPORATION

#### **DRILLING PLAN**

BILL BARRETT CORPORATION
Prickly Pear Unit State #9-16-12-15
NESE, 1836' FSL & 490' FEL, Section 16-T12S-R15E
Carbon County, Utah

# 1,2,3. Estimated Tops of Geological Markers and Formations Expected to Contain Water, Oil and Gas and Other Minerals

<u>Formation</u>	Depth
Green River	Surface
Wasatch	2600'*
North Horn	4500'*
Dark Canyon	6300'*
Price River	6570'*
TD	7400'*

#### \*PROSPECTIVE PAY

Members of the Mesaverde formation, the Wasatch and the North Horn are primary objectives for oil/gas.

#### 4. <u>Casing Program</u>

Hole Size	SETTIN (FROM)	G DEPTH (TO)	<u>Casing</u> <u>Size</u>	Casing Weight	Casing Grade	<u>Thread</u>	Conditio n
12 1/4"	surface	1,000'	9 5/8"	36#	J or K 55	ST&C	New
7 7/8"	surface	7,400`	5 ½"	17#	N-80	LT&C	New

Note: Pending evaluation of anticipated stress on the production casing, BBC may use 5 ½", 20# P-110 LT&C production casing instead of the 17# N-80. BBC is also evaluating the benefit of using 4-1/2", 11.6#, I-80, LT&C production casing and wishes to have that option approved in this APD. The 4-1/2" casing design sheet is included in this package. Cement volumes would be adjusted accordingly.

#### 5. Cementing Program

9 5/8" Surface Casing	Approximately 240 sx Halliburton Light Premium with additives mixed at 12.7 ppg (yield = 1.85 ft <sup>3</sup> /sx) and 170 sx Premium cement with additives mixed at 15.8 ppg (yield = 1.16 ft <sup>3</sup> /sx) circulated to surface with 100% excess	
5 ½" Production Casing	Approximately 750 sx 50/50 Poz Premium cement with additives mixed at 13.4 ppg (yield = 1.49 ft <sup>3</sup> /sx). Top of cement to be determined by log and sample evaluation; estimated TOC 2500'.	

Bill Barrett Corporation Drilling Program Prickly Pear Unit State #9-16-12-15 Carbon County, Utah

#### 6. Mud Program

Interval	Weight	<u>Viscosity</u>	Fluid Loss (API filtrate)	Remarks
0 - 40'	8.3 - 8.6	27 – 40		Native Spud Mud
40' - 1000'	8.3 - 8.6	27 – 40	15 cc or less	Native/Gel/Lime
1000' – TD	8.6 - 9.5	38-46	15 cc or less	LSND/DAP

Note: Sufficient mud materials to maintain mud properties, control lost circulation and to contain "kicks" will be available at wellsite. BBC may require minor amounts of diesel to be added to its fluid system in order to reduce tork and drag.

## 7. BOP and Pressure Containment Data

Depth Intervals	BOP Equipment
0 – 1000'	No pressure control required
1000' – TD	11" 3000# Ram Type BOP
	11" 3000# Annular BOP
- Drilling spool to	accommodate choke and kill lines;
- Ancillary and cho	oke manifold to be rated @ 3000 psi;
<ul> <li>Ancillary equipm accordance with t</li> </ul>	ent and choke manifold rated at 3,000#. All BOP and BOPE tests will be in he requirements of onshore Order No. 2;
advance of all Bo	
- BOP hand wheels to operate most ef	s may be underneath the sub-structure of the rig if the drilling rig used is set u ficiently in this manner

## 8. <u>Auxiliary equipment</u>

- a) Upper kelly cock; lower Kelly cock will be installed while drilling
- b) Inside BOP or stab-in valve (available on rig floor)
- c) Safety valve(s) and subs to fit all string connections in use
- d) Mud monitoring will be visually observed

### 9. Testing, Logging and Core Programs

Cores	None anticipated;
Testing	None anticipated; drill stem tests may be run on shows of interest;
Sampling	30' to 50' samples; surface casing to TD. Preserve samples all show intervals;
Surveys	Run every 1000' and on trips, slope only;
Logging	DIL-GR-SP, FDC-CNL-GR-CALIPER-Pe-Microlog, Sonic-GR (all TD to
	surface).

Bill Barrett Corporation Drilling Program Prickly Pear Unit State #9-16-12-15 Carbon County, Utah

#### 10. Anticipated Abnormal Pressures or Temperatures

No abnormal pressures or temperatures or other hazards are anticipated.

Maximum anticipated bottom hole pressure equals approximately 3656 psi\* and maximum anticipated surface pressure equals approximately 2028 psi\*\* (bottom hole pressure minus the pressure of a partially evacuated hole calculated at 0.22 psi/foot).

\*Max Mud Wt x 0.052 x TD = A (bottom hole pressure)

\*\*Maximum surface pressure =  $A - (0.22 \times TD)$ 

#### 11. Drilling Schedule

Location Construction:

Approximately November 6, 2006

Spud: Duration;

Approximately November 16, 2006 15 days drilling time

35 days completion time

#### 12. Water Source

Bill Barrett Corporation will utilize an existing water well located on BLM lands in the SW/4SE/4 Section 13-T12S-R14E. BBC was granted this authorization by the State of Utah Application Number #90-1826 (T74077) on August 20, 2002. A temporary application was filed and is effective August 2005 for increased acre feet of use due to current water availability and increasing the area in which this water may be utilized; Temporary Application #90-1840 (T75896). In addition, if necessary, BBC may utilize its existing water rights for Nine Mile Creek.

#### 13. Archaeology

Montgomery Archaeological Consultants conducted a cultural resource inventory of the Prickly Pear Unit State #9-16-12-15. Please find MOAC report #03-149, dated September 23, 2003 attached.



# NINE MILE CEMENT VOLUMES

Well Name: Prickly Pear Unit State #9-16-12-15

#### Surface Hole Data:

Total Depth:	1,000'
Top of Cement:	0'
OD of Hole:	12.250"
OD of Casing:	9.625"

### Calculated Data:

Lead Volume:	219.2	ft <sup>3</sup>
Lead Fill:	700'	
Tail Volume:	94.0	ft <sup>3</sup>
Tail Fill:	300'	

#### Cement Data:

Lead Yield:	1.85	ft³/sk
Tail Yield:	1.16	ft³/sk
% Excess:	100%	

#### Calculated # of Sacks:

# SK's Lead:	240
# SK's Tail:	170

## Production Hole Data:

Total Depth:	7,400'
Top of Cement:	2,500′
OD of Hole:	7.875"
OD of Casing:	5.500"

#### Calculated Data:

Lead Volume:	848.9	ft <sup>3</sup>	
Lead Fill:	4,900'		

#### Cement Data:

Lead Yield:	1.49	ft <sup>3</sup> /sk
% Excess:	30%	

#### Calculated # of Sacks:

# SK's Lead: 750

# Prickly Pear Unit State #9-16-12-15 Proposed Cementing Program

Job Recommendation		<u>Su</u>	rface Casing
Lead Cement - (700' - 0')			
Halliburton Light Premium	Fluid Weight:	12.7	lbm/gal
2.0% Calcium Chloride	Slurry Yield:	1.85	ft <sup>3</sup> /sk
0.125 lbm/sk Ploy-E-Flake	Total Mixing Fluid:	9.9	Gal/sk
	Top of Fluid:	O,	•
	Calculated Fill:	700'	
	Volume:	78.09	bbl
	Proposed Sacks:	240	sks
Tail Cement - (1000' - 700')			
Premium Cement	Fluid Weight:	15.8	lbm/gal
94 lbm/sk Premium Cement	Slurry Yield:	1.16	ft <sup>3</sup> /sk
2.0% Calcium Chloride	Total Mixing Fluid:	4.97	Gal/sk
0.125 lbm/sk Ploy-E-Flake	Top of Fluid:	700'	,
	Calculated Fill:	300'	
	Volume:	33.47	bbl
	Proposed Sacks:	170	sks

Job Recommendation		Produc	ction Casing	Ş
Lead Cement - (7400' - 2500')				ı
50/50 Poz Premium	Fluid Weight:	13.4	lbm/gal	ļ
3.0 % KCL	Slurry Yield:	1.49	ft <sup>3</sup> /sk	ı
0.75% Halad®-322	Total Mixing Fluid:		Gal/sk	
3.0 lbm/sk Silicalite Compacted	Top of Fluid:	2,500'	·	ı
0.2% FWCA	Calculated Fill:	4,900'		ı
0.125 lbm/sk Poly-E-Flake	Volume:	196.55	bbl	ı
1.0 lbm/sk Granulite TR 1/4	Proposed Sacks:	750	sks	ı

Well name:

**Utah: West Tavaputs Field** 

Operator:

Bill Barrett Surface

Design is based on evacuated pipe.

String type: Location:

Carbon County, UT

Design parameters:

Collapse

Mud weight:

9.50 ppg

Minimum design factors:

Collapse:

Design factor

1.125

Environment:

H2S considered?

Surface temperature: Bottom hole temperature: 75.00 °F 89 °F

No

Temperature gradient: Minimum section length: 1.40 °F/100ft

1,000 ft

Burst:

Design factor

1.00

Cement top:

Surface

<u>Burst</u>

Max anticipated surface

pressure: Internal gradient: 2,735 psi 0.22 psi/ft

Calculated BHP

Annular backup:

2,955 psi

9.50 ppg

Tension:

8 Round STC: 8 Round LTC:

Buttress: Premium: 1.80 (J) 1.80 (J)

1.80 (J)

1.80 (J)

1.80 (B) Body yield:

Tension is based on buoyed weight. Neutral point: 859 ft

Non-directional string.

Re subsequent strings:

Next setting depth:

Next mud weight: Next setting BHP:

9.500 ppg

Fracture mud wt: Fracture depth:

4,935 psi 10.000 ppg 10,000 R

10.000 ft

Injection pressure

5,195 psi

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (In)	Internal Capacity (ft³)
1	1000	9.625	36.00	J/K-55	ST&C	1000	1000	8.796	71.2
Run	Collapse	Collapse	Collapse	Burst	Burst	Burst	Tension	Tension	Tension
Seq	Load (psi)	Strength (psi)	Design Factor	Load (psi)	Strength (psi)	Design Factor	Load (Kips)	Strength (Kips)	Design Factor
1	493	2020	4.094	2735	3520	1.29	31	453	14.64 J

Prepared Dominic Spencer

by: Bill Barrett

Phone: (303) 312-8143 FAX: (303) 312-8195

Date: August 1,2003 Denver, Colorado

Remarks:

Collapse is based on a vertical depth of 1000 ft, a mud weight of 9.5 ppg. The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Engineering responsibility for use of this design will be that of the purchaser.

Wes name: Utah: West Tavaputs Operator: Bill Barrett Production String type: Carbon County, UT

Design parameters:

Design is based on evacuated pipe.

Collapse

Mud weight:

9.50 ppg

Minimum design factors:

<u>Collapse:</u>

Design factor

1.125

Environment;

H2S considered?

Surface temperature; Bottom hale temperature:

215 °F

Temperature gradient:

75.00 °F 1.40 \*F/100ft

No

Minimum section length:

1,500 R

Burst:

Design factor

1.00 Cament top: 2,375 R

Burst

Max anticipated surface

pressure: internal gradient: Calculated BHP

Annular backup:

4,705 psi 0.02 psi/ft 4,935 psi

9.50 ppg

Tension: 8 Round STC: 1.80 (J) 8 Round LTC: 1.80 (J) Buttress: 1.80 (J)

Premium: Body yield: 1,80 (J) 1.80 (B)

Tension is based on buoyed weight. Neutral point. 8,559 #

Non-directional string.

Run Seq	Segment Length (ft)	Sîze (în)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth	Drift Diameter (in)	internal Capacity (ft³)
1	10000	5,5	17.00	N-80	LT&C	10000	10000	4.767	344.6
Run Seq	Collapse Load (psi) 4935	Collapse Strength (psi)	Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
,	4935	6290	1.275	4705	7740	1.65	146	348	2.39 J

Prepared Dominic Spencer

by: Bill Barrett

Phone: (303) 312-8143 FAX: (303) 312-8195

Date: August 1,2003 Denver, Colorado

Collapse is based on a vertical depth of 10000 ft, a mud weight of 9.5 ppg. The casing is considered to be evacuated for collapse purposes. Colleges strength is based on the Westcott, Dunlop & Kemler method of biaxiel correction for tension.

Burst strength is not adjusted for tension.

Engineering responsibility for use of this design will be that of the purchaser.

Well name: West Tavaputs General Operator Bill Barrett String type: **Production** Location: Carbon County, Utah

Design parameters:

Design is based on evacuated pipe.

Collapse

Mud weight:

9.50 ppg

Minimum design factors:

Collapse:

Design factor

1,125

1.00

Environment:

H2S considered?

Surface temperature:

Νo 75.00 °F

Bottom hole temperature: Temperature gradient:

189 °F

Minimum section length:

1.40 °F/100ft 1.500 ft

<u>Burst:</u>

Design factor

Cement top:

2.500 ft

<u>Burst</u>

Max anticipated surface

No backup mud specified.

pressure: Internal gradient: 2,226 psi 0.22 psi/ft

Calculated BHP

4,016 psi

Tension:

Buttress:

8 Round STC: 8 Round LTC:

1.80 (J) 1.80 (J)

Premium: Body yield: 1.50 (B)

Kick-off point 1.60 (J)

1.50 (J)

Maximum dogleg: Inclination at shoe: 1000 ft 2165 ft

Departure at shoe:

Directional Info - Build & Drop

2 1100R 0 .

Tension is based on buoyed weight.

Neutral point: 7,560 ft

Run	Segment		Nominal		End	True Vert	Measured	Drift	Internal
Seq	Length	Size	Weight	Grade	Finish	Depth	Depth	Diameter	Capacity
	(ft)	(in)	(lbs/ft)			(ft)	(ft)	(in)	(ft²)
1	8730	<i>5</i> .5	20.00	P-110	LT&C	8138	8730	4.653	353.3
Run	Collapse	Collapse	Collapse	Burst	Burst	Burst	Tension	Tension	Tension
Seq	Load	Strength	Design	Load	Strength	Design	Load	Strength	Design
	(psi)	(psi)	Factor	(psi)	(psi)	Factor	(Kips)	(Kips)	Factor
1	4016	11100	2.764	4016	12630	3.14	139	548	3.93 J

Prepared Dominic Spencer by: Bill Barrett Corporation Phone: (303) 312-8143 FAX: (303) 312-8195

Date: August 25,2004 Denver, Colorado

Collapse is based on a vertical depth of 8138 ft. a mud weight of 9.5 ppg. The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kernler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Collapse strength is (biaxially) derated for doglegs in directional wells by multiplying the tensile stress by the cross section area to calculate a tensile load which is added to the axial load.

Engineering responsibility for use of this design will be that of the purchaser.

Well name:

Operator: String type:

Bill Barrett Corporation Production

West Tavaputs General

Design parameters:

Collapse

Mud weight:

9.50 ppg

Design is based on evacuated pipe.

Minimum design factors:

Collapse:

Design factor

Environment:

H2S considered?

Surface temperature:

Νo 60.00 °F

Bottom hole temperature: Temperature gradient:

200 °F

Minimum section length:

1.40 °F/100ft

Cement top:

1,500 ft 2,500 ft

Burst:

Design factor

1.00

1.125

<u>Burst</u>

Max anticipated surface

No backup mud specified.

pressure:

2,735 psi

Internal gradient: Calculated BHP

0.22 psi/ft

4,935 psi

Tension:

8 Round LTC:

Premium:

Buttress:

Body yield:

8 Round STC:

1.80 (J) 1.80 (B)

1.80 (J)

1.80 (J)

1.80 (J)

Tension is based on buoyed weight. Neutral point: 8,580 ft Non-directional string.

Run	Segment		Nominal		End	True Vert	Measured	Drift	Internal
Seq	Length	Size	Weight	Grade	Finish	Depth	Depth	Diameter	Capacity
	(ft)	(în)	(lbs/ft)			(ft)	(ft)	(in)	(ft²)
1	10000	4.5	11.60	1-80	LT&C	10000	10000	3.875	231.8
Run	Collapse	Collapse	Collapse	Burst	Burst	Burst	Tension	Tension	Tension
Seq	Load	Strength	Design	Load	Strength	Design	Load	Strength	Design
	(psi)	(psi)	Factor	(psi)	(psi)	Factor	(Kips)	(Kips)	Factor
1	4935	6350	1.287	4935	7780	1.58	100	223	2.24 J

Prepared Dominic Spencer by: Bill Barrett

Phone: (303) 312-8143 FAX: (303) 312-8195

Date: December 13,2005 Denver, Colorado

Remarks:

Collapse is based on a vertical depth of 10000 ft, a mud weight of 9.5 ppg. The casing is considered to be evacuated for collapse purposes. Collepse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

# PRESSURE CONTROL EQUIPMENT - Schematic Attached

- **A. Type:** Eleven (11) Inch Double Gate Hydraulic BOP with Eleven (11) Inch Annular Preventer. The blow out preventer will be equipped as follows:
  - 1. One (1) blind ram (above).
  - 2. One (1) pipe ram (below).
  - 3. Drilling spool with two (2) side outlets (choke side 3-inch minimum, kill side 2-inch minimum).
  - 4. 3-inch diameter choke line.
  - 5. Two (2) choke line valves (3-inch minimum).
  - 6. Kill line (2-inch minimum).
  - 7. Two (2) chokes.
  - 8. Two (2) kill line valves, one of which shall be a check valve (2-inch minimum).
  - 9. Upper kelly cock valve with handles available.
  - 10. Safety valve(s) & subs to fit all drill string connections in use.
  - 11. Pressure gauge on choke manifold.
  - 12. Fill-up line above the uppermost preventer.
- B. Pressure Rating: 3,000 psi

#### C. Testing Procedure:

#### Annular Preventer

At a minimum, the Annular Preventer will be pressure tested to 50% of the rated working pressure for a period of ten (10) minutes or until provisions of the test are met, whichever is longer.

At a minimum the above pressure test will be performed:

- 1. When the annular preventer is initially installed;
- 2. Whenever any seal subject to test pressure is broken;
- 3. Following related repairs; and
- 4. At thirty (30) day intervals.

In addition, the Annular Preventer will be functionally operated at least weekly.

#### **Blow-Out Preventer**

At a minimum, the BOP, choke manifold, and related equipment will be pressure tested to the approved working pressure of the BOP stack (if isolated from the surface casing by a test plug) or to 70% of the internal yieldstrength of the surface casing (if the BOP is not isolated from the casing by a test plug). Pressure will be

maintained for a period of at least ten (10) minutes or until the requirmentsof the test are met, whichever is longer.

At a minimum, the above pressure test will be performed:

- 1. When the BOP is initially installed;
- 2. Whenever any seal subject to test pressure is broken;
- 3. Following related repairs; and
- 4. At thirty (30) day intervals.

In addition the pipe and blind rams will be activated each trip, but not more than once each day. All BOP drills and tests will be recorded in the IADC driller's log.

# D. Choke Manifold Equipment:

All choke lines will be straight lines unless turns use tee blocks or are targeted with running tees, and will be anchored to prevent whip and vibration.

#### E. Accumulator:

The accumulator will have sufficient capacity to open the hydraulically-controlled choke line valve (if so equipped), close all rams plus the annular preventer, and retain a minimum of 200 psi above precharge on the closing manifold without the use of closing unit pumps. The fluid reservoir capacity will be double the usable fluid volume of the accumulator system capacity and the fluid level of the reservoir will be maintained at the manufacturer's recommendations.

The BOP system will have two (2) independent power sources to close the preventers. Nitrogen bottles (3 minimum) will be one (1) of these independent power sources and will maintain a charge equal to the manufacturer's specifications.

The accumulator precharge pressure test will be conducted prior to connecting the closing unit to the BOP stack and at least once every six (6) months thereafter. The accumulator pressure will be corrected if the measured precharge pressure is found to be above or below the maximum or minimum limits specified in the Onshore Oil & Gas Order Number 2.

A manual locking device (i.e. hand wheels) or automatic locking device will be installed on all systems of 2M or greater. A valve will be installed in the closing line as close as possible to the annular preventer to act as a locking device. This valve will be maintained in the open position and will be closed only when the power source for the accumulator is inoperative.

Remote controls shall be readily accessible to the driller. Remote controls for all 3M or greater systems will be capable of closing all preventers. Remote controls for 5M or greater systems will be capable of both opening and closing all preventers. Master controls will be at the accumulator and will be capable of opening and closing all preventers and the choke line valve (if so equipped).

#### F. Miscellaneous Information:

The Blow-Out Preventer and related pressure control equipment will be installed, tested and maintained in compliance with the specifications in and requirements of *Onshore Oil & Gas Order Number 2*. The choke manifold will be located outside the rig sub-structure. The hydraulic BOP closing unit will be located at least twenty-five (25) feet from the well head but readily accessible to the driller. Exact locations and configurations of the hydraulic BOP closing unit will depend upon the particular rig contracted to drill this hole.

A flare line will be installed after the choke manifold, extending 125 feet (minimum) from the center of the drill hole to a separate flare pit.

# **BILL BARRETT CORPORATION**

PRICKLY PEAR UNIT STATE #9-16 LOCATED IN CARBON COUNTY, UTAH

SECTION 16, T12S, R15E, S.L.B.&M.



PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKE

CAMERA ANGLE: NORTHERLY

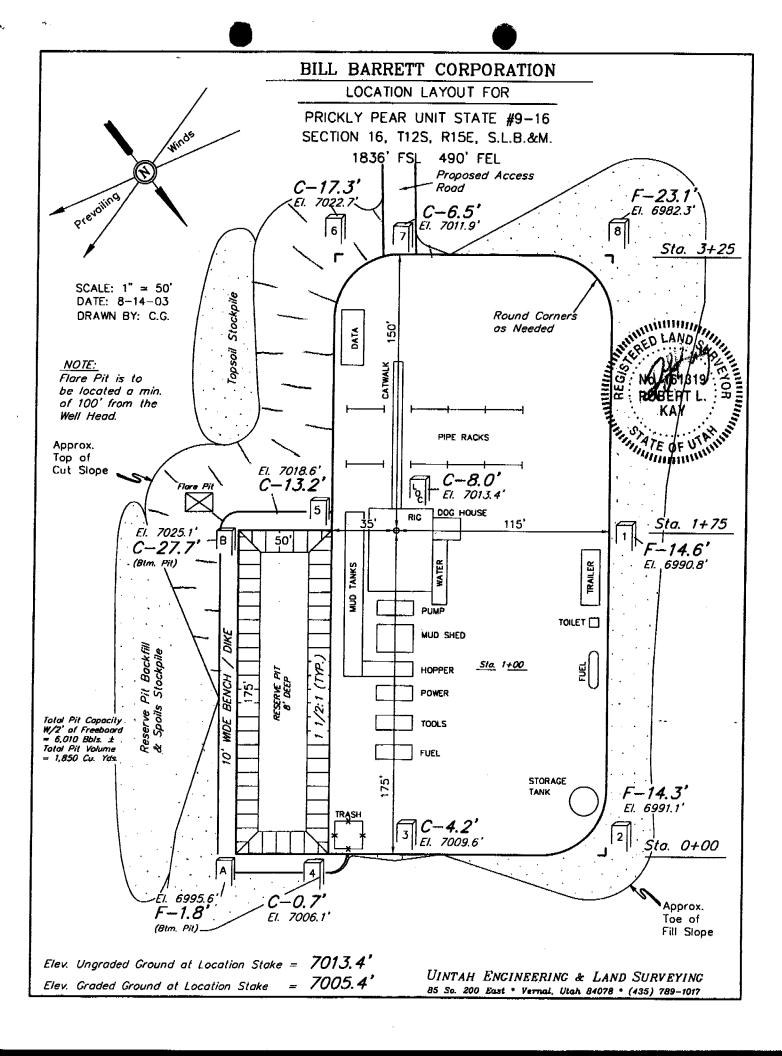


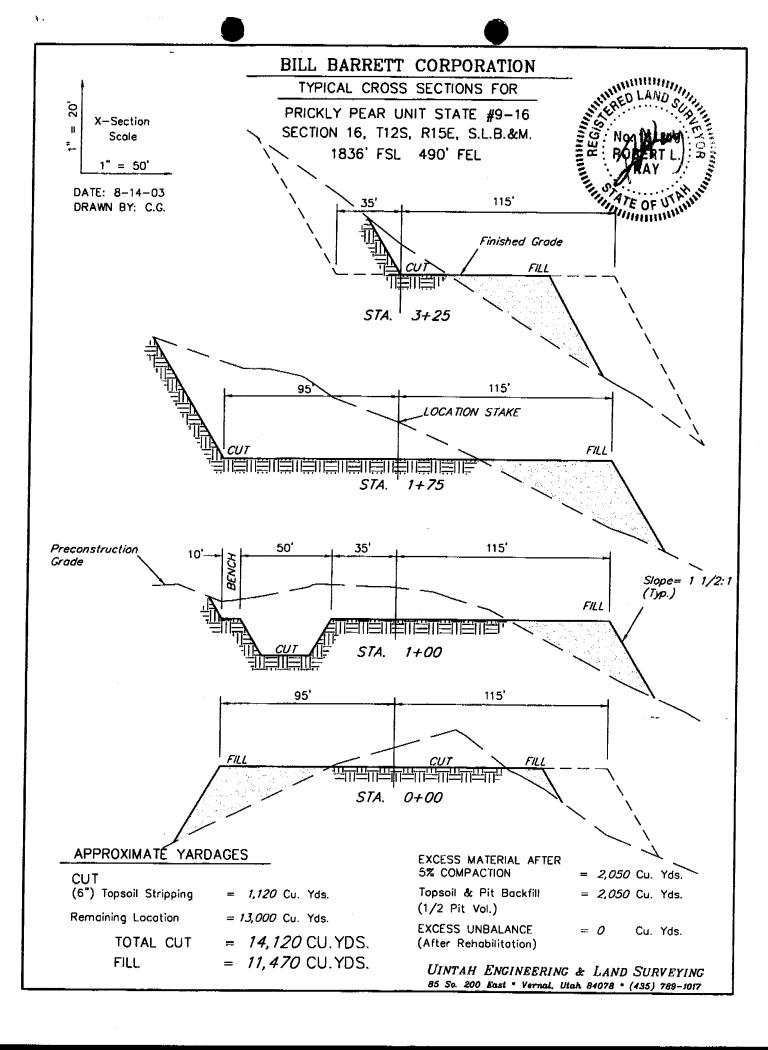
PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS

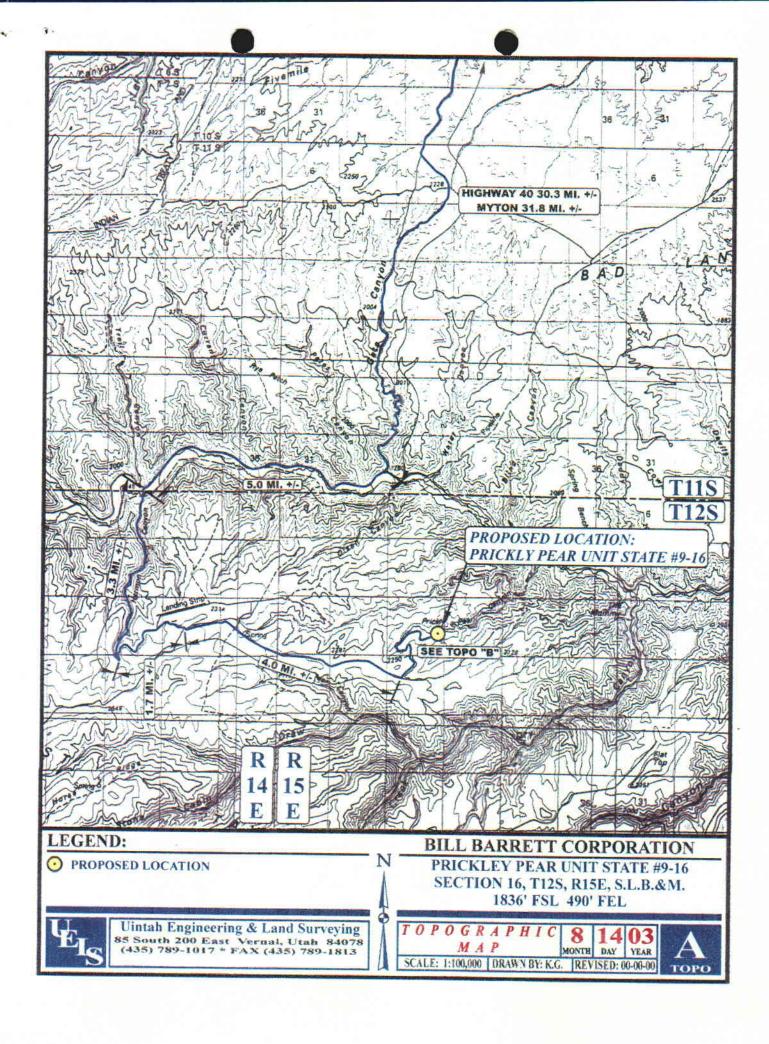
CAMERA ANGLE: NORTHEASTERLY

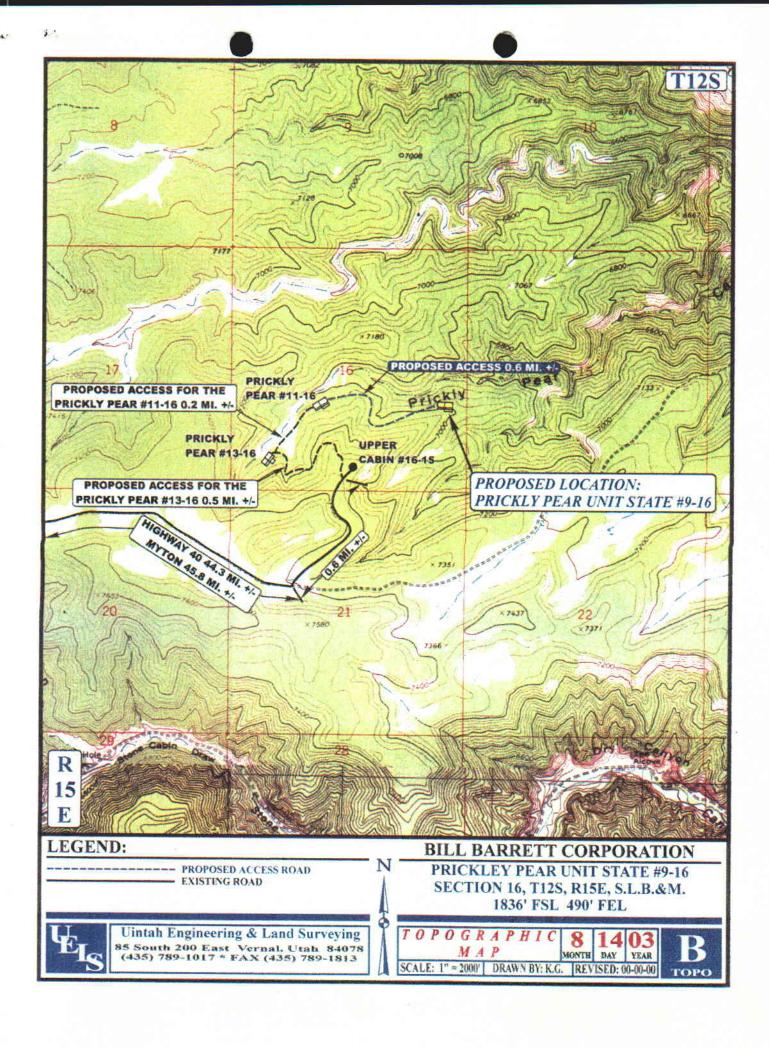


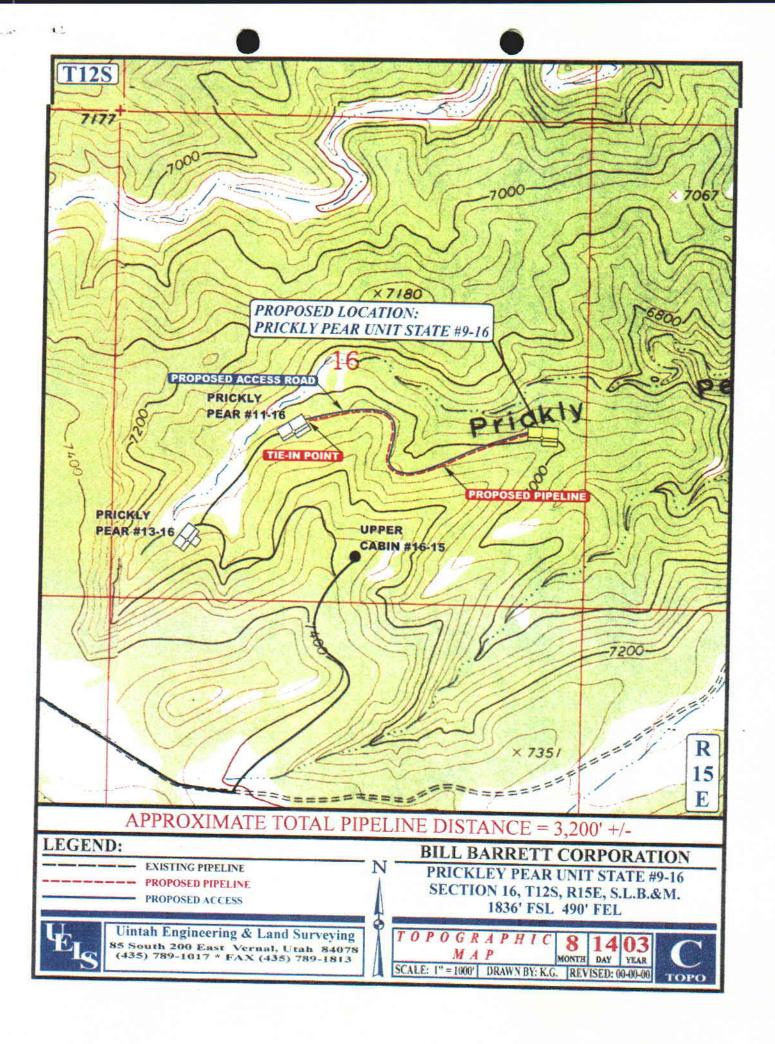
8 1403 MONTH DAY YEAR SOTOH9 MOTTASOJ TAKEN BY: G.O. | DRAWN BY: K.G. | REVISED: 00-00-00



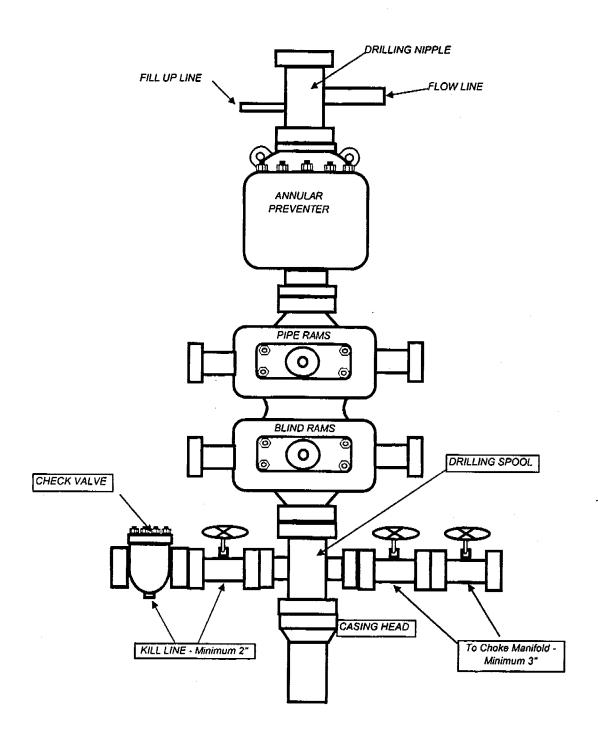






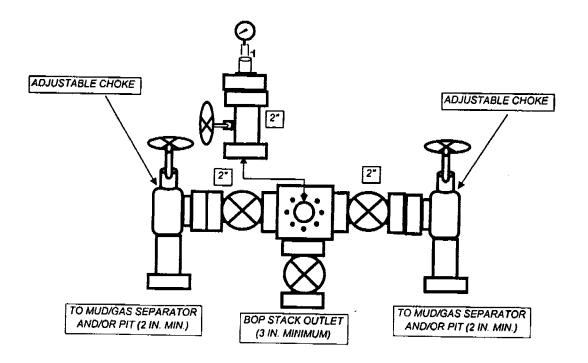


# BILL BARRETT CORPORATION TYPICAL 3,000 p.s.i. BLOWOUT PREVENTER



# BILL BARRETT CORPORATION

# TYPICAL 3,000 p.s.i. CHOKE MANIFOLD



# CULTURAL RESOURCE INVENTORY OF BILL BARRETT CORPORATION'S WELL LOCATIONS PRICKLY PEAR STATE #1-16 AND PRICKLY PEAR STATE #9-16 CARBON COUNTY, UTAH

Keith R. Montgomery

### CULTURAL RESOURCE INVENTORY OF BILL BARRETT CORPORATION'S WELL LOCATIONS PRICKLY PEAR STATE #1-16 AND PRICKLY PEAR STATE #9-16 CARBON COUNTY, UTAH

By:

Keith R. Montgomery

Prepared For:

State of Utah School and Institutional Trust Lands Administration Salt Lake City

Prepared Under Contract With:

Bill Barrett Corporation 1099 18 th Street, Suite 2300 Denver, CO 80202

Prepared By:

Montgomery Archaeological Consultants P.O. Box 147 Moab, Utah 84532

MOAC Report No. 03-149

September 23, 2003

United States Department of Interior (FLPMA)
Permit No. 03-UT-60122

State of Utah Antiquities Project (Survey)
Permit No. U-03-MQ-0847s

### **INTRODUCTION**

In August 2003 Montgomery Archaeological Consultants (MOAC) inventoried two proposed well locations for Bill Barrett Corporation in the Stone Cabin Gas Field. The well locations are designated: Prickly Pear (PP) State #1-16 and PP State #9-16. The project area is south of Nine Mile Canyon near the head of Prickly Pear Canyon, in Carbon County, Utah. The survey was implemented at the request of Ms. Debbie Stanberry, Bill Barrett Corporation, Denver, CO. The project area occurs on property of the State of Utah School and Institutional Trust Lands Administration (SITLA).

The objectives of the inventory were to locate, document, and evaluate any cultural resources within the project area in accordance with Section 106 of 36 CFR 800, the National Historic Preservation Act of 1966 (as amended). Also, the inventory was implemented to attain compliance with a number of federal and state mandates, including the National Historic Preservation Act (NHPA) of 1969 (as amended), the Archaeological and Historic Conservation Act of 1974, the Archaeological Resources Protection Act of 1979, and the American Indian Religious Freedom Act of 1978.

The fieldwork was conducted by Keith Montgomery (Principal Investigator) and assisted by Mark Beeson on August 15, 2003 under the auspices of U.S.D.I. (FLPMA) Permit No. 03-UT-60122 and State of Utah Antiquities Project (Survey) No. U-03-MQ-0847s.

A file search for previous projects and documented cultural resources was conducted by the author at the BLM Price Field Office on August 15, 2003. In 2002 Montgomery Archaeological Consultants (MOAC) inventoried two well locations (PP #10-4 and PP #21-2) for Wasatch Oil & Gas that resulted in the location of an eligible prehistoric lithic scatter (42Cb996) (Montgomery and Raney 2002). In 2002, TRC Mariah Associates, Inc. conducted a survey of seismic lines for Dawson Geophysical Company resulting in the documentation of 45 new archaeological sites, 14 of which were recommended eligible to the NRHP (Smith 2003). MOAC surveyed two well locations (PP #5-13 and PP # 12-24) in Bill Barrett Corporation's Stone Cabin Field in 2003 (Patterson 2003). Two new archaeological sites (42Cb1909 and 42Cb1910) and three previously recorded sites (42Cb1722, 42Cb1732 and 42Cb1861) were recorded including an Ute affiliated open camp (42Cb1909) with a brownware pot drop. During the same year MOAC inventoried Bill Barrett Corporation's Prickly Pear State #5-16 and #7-16 well locations; no cultural resources were found (Montgomery 2003a). Also in 2003 MOAC surveyed Bill Barrett Corporation's Prickly Pear State #11-16 well location and access corridor, finding no archaeological sites or isolated finds of artifacts (Montgomery 2003b).

#### DESCRIPTION OF PROJECT AREA

The project area lies south of Nine Mile Canyon near the head of Prickly Pear Canyon. The proposed well locations (PP State #1-16 and PP State #9-16) occur in the Stone Cabin Gas Field immediately south of Nine Mile Canyon and east of Harmon Canyon. The legal description is Township 12 South, Range 15 East, Section 16 (Figure 1). A total of 54.4 acres was inventoried on SITLA land.

In general the study area is situated within the Book Cliff-Roan Plateau physiographic subdivision of the Colorado Plateau (Stokes 1986). Topographically, this area consists of exposed stratigraphic escarpments which extend and dip northward under the younger materials of the Uintah Basin. The Book Cliffs are carved from Cretaceous age Mesa Verde Group sandstones while the Roan Cliffs are comprised of river and flood plain deposits from the Paleocene and Eocene ages (Stokes 1986). More specifically, the project is located south of Nine Mile Canyon, a major east-west trending canyon bordered on the south side by the West Tavaputs Plateau, and includes portions of Carbon, Duchesne and Uintah counties. Nine Mile Canyon is less than 1/4 mile wide and is characterized by discontinuous and divided terraces. The canyon walls are composed of very friable siltstone cliffs which break away in tabular and angular boulders. Remnants of Pleistocene gravel terraces are found periodically along the edge of the floodplain at the base of the canyon walls. Geologically, the project area is composed of the Eocene age Green River Formation, a lacustrine deposit containing claystone, sandstone, and carbonate beds of a variety of colors (e.g. red, green, gray, brown, and black) (Stokes 1986:154). Prehistorically, the tabular sandstone from the Green River Formation was employed as building materials, and a dark brownish chert was exploited for lithic tool manufacturing (Spangler 1993:42). The canyon is cut by Nine Mile Creek (also known as Minnie Maude Creek), which drains a large area of the West Tavaputs Plateau, and flows east through Nine Mile Canyon where it joins the Green River at Desolation Canyon. The nearest water sources include springs and drainages in Dry and Cottonwood Canyons. Modern disturbances in the area consist of oil/gas development, livestock grazing, recreation, and roads.

Situated within the Upper Sonoran life zone, the project area supports a pinyon-juniper woodland and desert shrub community. Along the drainage in Prickly Pear Canyon, the riparian community includes willows, cottonwoods, and tamarisk. A pinyon-juniper woodland dominants the inventory area with an understory of big sagebrush, greasewood, prickly pear cactus, Indian ricegrass, and cheat grass. Animal species reported near Nine Mile Canyon include mule deer, mountain lion, coyote, blacktail jackrabbit, cottontail rabbit, porcupine, ground squirrel, pack rat, elk, marmots, and various birds and reptiles. Most fauna found in the area today are assumed to have been present in prehistoric times, although many species were extirpated in the historic era (e.g. wolf, bison, grizzly bear).

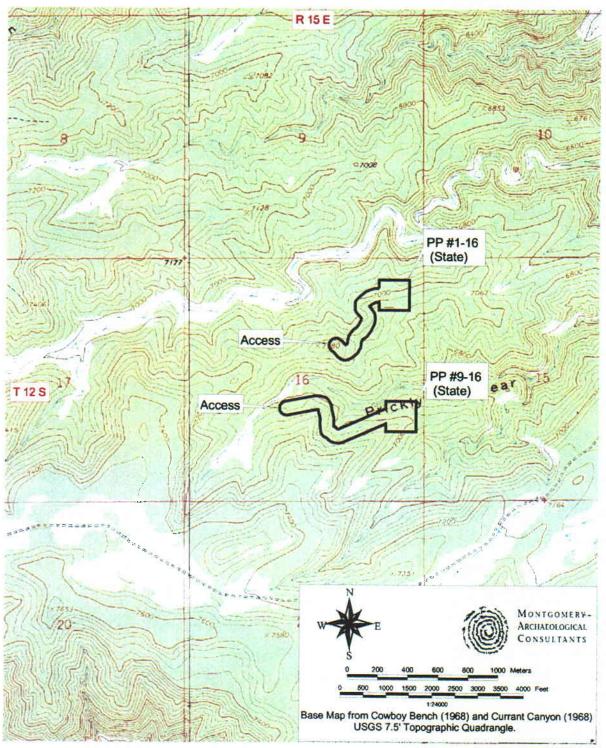


Figure 1. Inventory Area of Bill Barrett Corporation's Prickly Pear State #1-16 and Prickly Pear State #9-16 Well Locations with Access/Pipeline Routes.

## SURVEY METHODOLOGY

An intensive pedestrian survey was performed for this project which is considered 100% coverage. At each of the proposed well locations, a ten acre or larger area centered on the center stake of the location was surveyed by the archaeologist walking parallel transects spaced no more than 10 m (30 ft) apart. The access and pipeline corridors were 300 feet wide, surveyed by walking parallel transects along the staked centerline, spaced no more than 10 m (30 ft) apart. Ground visibility was considered to be good. A total of 54.4 acres was inventoried on land administered by SITLA.

#### **RESULTS AND CONCLUSIONS**

The inventory of Bill Barrett Corporation's well locations Prickly Pear State #1-16 and Prickly Pear State #9-16 with associated access/pipeline routes resulted in no cultural resources. Based on the findings, a determination of "no historic properties affected" is recommended for the project pursuant to Section 106, CFR 800.

#### REFERENCES CITED

Montgomery, K.R.

2003a

Cultural Resource Inventory of Bill Barrett Corporation's Well Locations Prickly Pear State #5-16 and Prickly Pear State #7-16, Carbon County, Utah. Montgomery Archaeological Consultants, Moab, Utah. Project No. U-03-MQ-0775s.

2003b

Cultural Resource Inventory of Bill Barrett Corporation's Prickly Pear State #11-16 Well Location, Carbon County, Utah. Montgomery Archaeological Consultants, Moab, Utah. Project No. U-03-MQ-0803s.

Montgomery, K., and A. Raney

2002

Cultural Resource Inventory of Wasatch Oil and Gas Well Locations Prickly Pear #10-4, #13-4 and #21-2 in Carbon County, Utah. Montgomery Archaeological Consultants, Moab, Utah. Project No. U-02-MQ-0170.

Patterson, J.

2003

Cultural Resource Inventory of Bill Barrett Corporation's 12-24 and 5-13 Well Locations Near Nine Mile Canyon, Carbon County, Utah. Montgomery Archaeological Consultants, Moab, Utah. Project No. U-03-MQ-0560.

Smith, C.

2003

A Class III Cultural Resource Inventory of the Western Portion of the Dawson Stone Cabin 3-D Seismic Project, Carbon County, Utah. TRC Mariah Associated, Inc. Salt Lake City. Project No. U-03-ME-0564.

Spangler, J.D.

1993

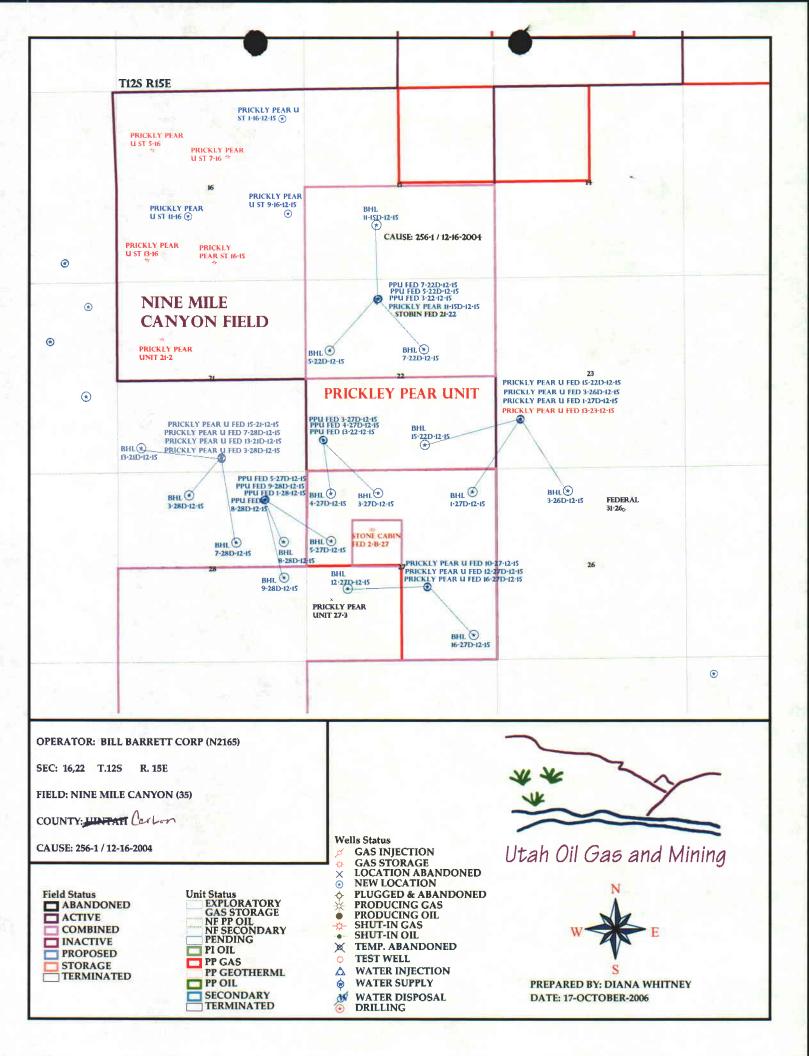
Site Distribution and Settlement Patterns in Lower Nine Mile Canyon: The Brigham Young University Surveys of 1989-91. Master's thesis, Brigham Young University, Provo, Utah.

Stokes, W.L.

1986

Geology of Utah. Utah Museum of Natural History and Utah Geological and Mineral Survey. Salt Lake City.

APD RECEIVED: 10/03/2006	API NO. ASS	API NO. ASSIGNED: 43-007-31240				
WELL NAME: PRICKLY PEAR U ST 9-16-12-15						
OPERATOR: BILL BARRETT CORP ( N2165 )	PHONE NUMBER	: 303-312-813	34			
CONTACT: TRACEY FALLANG						
PROPOSED LOCATION:	INSPECT LOCA	TN BY: /	/			
NESE 16 120S 150E SURFACE: 1836 FSL 0490 FEL	Tech Review	Initials	Date			
BOTTOM: 1836 FSL 0490 FEL	Engineering	DRD	141100			
COUNTY: CARBON	Geology					
LATITUDE: 39.77157 LONGITUDE: -110.2334	Surface					
UTM SURF EASTINGS: 565654 NORTHINGS: 44024 FIELD NAME: NINE MILE CANYON ( 35	75					
LEASE TYPE: 3 - State  LEASE NUMBER: ML-46708  SURFACE OWNER: 3 - State	PROPOSED FORM					
RECEIVED AND/OR REVIEWED:	LOCATION AND SITING	:				
Plat	R649-2-3.					
Bond: Fed[] Ind[] Sta[] Fee[]	Unit: PRICKLY PEAR					
(No. <u>LPM4138148</u> )  (No. <u>LPM4138148</u> )  (Potash (Y/N)	R649-3-2. General					
N Oil Shale 190-5 (B) or 190-3 or 190-13	Siting: 460 From Qtr/Qtr & 920' Between Wells					
✓ Water Permit	R649-3-3. Exc	eption				
(No. 90-1826 )  RDCC Review (Y/N)	✓ Drilling Unit					
RDCC Review (Y/N) (Date:	Board Cause N	A 1 W 1				
NUM Fee Surf Agreement (Y/N)	Eff Date:	12-16-2	004			
Intent to Commingle (Y/N)	Siting: <u>460 ƙ</u>	O				
	R649-3-11. Di	rectional Dri	.11			
COMMENTS: Needs Preside	0-25-06)	TANGAR AND				
STIPULATIONS: 1- STATEMEN	T OF BAS	15				
STIPULATIONS: 1- STATEMEN 2- Cement Step # 3	(5/2 production 2	500 MO)				
	· /	,				



# **Application for Permit to Drill**

**Statement of Basis** 

10/30/2006

# Utah Division of Oil, Gas and Mining

Page 1

APD No

API WellNo

Status

Well Type

**Surf Ownr** 

**CBM** 

122

43-007-31240-00-00

Surface Owner-APD

GW

S

No

Operator

BILL BARRETT CORP

**Field** 

Well Name PRICKLY PEAR U ST 9-16-12-15 UNDESIGNATED

Unit

Type of Work

Location

NESE 16 12S 15E S 0 F L 0 F L

GPS Coord (UTM) 565654E 4402475N

#### **Geologic Statement of Basis**

Bill Barrett Corp. proposes to set 1,000' of surface casing at this location. The base of the moderately saline water is at approximately 3,100 feet in this area. This location lies on the Green River Formation. The proposed location is in a recharge area for the aquifers of the upper Green River Formation and fresh water can be expected to be found in the upper Green River. A search of Division of Water Rights records indicates no water wells within a 10,000 foot radius of the center of Section 16. The production casing cement should be brought up above the base of the moderately saline ground water in order to isolate it from fressher waters up hole. The proposed casing and cement program should adequately protect any useable ground water.

**Brad Hill** 

10/30/2006

**APD Evaluator** 

Date / Time

#### Surface Statement of Basis

The location is in the Book Cliff-Roan Plateau area approximately 50 miles east of Wellington, Carbon Co. Utah. Access to the area from Nine Mile Canyon is up Harmon Canyon on an existing oilfield development road, then following existing roads to the Prickly Pear 11-16 existing well. 3200 feet of new road will be constructed along a moderately steep north facing sideslope crossing two small side drainages to reach the location. The location begins at the ridgetop and extends to the moderately steep north slope of a lateral eastwest running ridge. Three small drainages begin at the top of the ridge and extend through the location. These will all be leveled during construction. Prickley Pear Canyon is to the north and a tributary of the same canyon to the south. No surface water is known in the immediate area. No stability problems are anticipated with drilling or operating a well at this location.

Nathan Sill represented the Utah Division of Wildlife resources at the presite. He stated the UDWR has classified the area as critical winter habitat for both elk and deer. He did not recommend any drilling or operating restrictions as Bill Barrett Corp. is working with the UDWR to provide habitat improvement projects to mitigate for oil-field related winter impacts on big game in the area. No other wildlife species are expected to be affected.

Ed Bonner and Jim Davis of SITLA were invited to the presite but neither attended.

An existing pipeline going to the 7-16 well will be burried where crossed with the planned access road.

Floyd Bartlett

10/25/2006

**Onsite Evaluator** 

Date / Time

#### Conditions of Approval / Application for Permit to Drill

Category

Condition

Pits

A synthetic liner with a minimum thickness of 16 mils with a felt subliner shall be

properly installed and maintained in the reserve pit.

#### Utah Division of Oil, Gas and Mining

Operator

BILL BARRETT CORP

Well Name

PRICKLY PEAR U ST 9-16-12-15

API Number

43-007-31240-0

**APD No** 122

Tw

Field/Unit UNDESIGNATED

Location: 1/4,1/4 NESE

Sec 16

12S **Rng** 15E

0 FL 0 FL

**GPS Coord (UTM)** 565645

4402461

**Surface Owner** 

#### **Participants**

Floyd Bartlett (DOGM), Fred Goodrich, Lane Chidester, and Rodger Mitchell (Bill Barrett Corp.), Nathan Sill (UDWR)

#### Regional/Local Setting & Topography

The location approximately 50 miles east of Wellington, Carbon Co. Utah. Access to the area from Nine Mile Canyon is up an existing oilfield development in Harmon Canyon, then following existing roads to near the Prickly Pear 11-16 existing well. A new road will be constructed 3,200 feet along a moderately steep north facing sideslope crossing two draws to the location. The location is on a moderately steep north slope of a lateral east-west running ridge. Three small drainages begin at the top of the ridge and extend through the location. These will all be leveled during construction. Prickley Pear Canyon is to the north and a tributary of the same canyon to the south. No surface water is known in the immediate area.

#### Surface Use Plan

**Current Surface Use** 

Wildlfe Habitat

New Road

Miles Well Pad

Src Const Material

**Surface Formation** 

0.6

Width 200

Length 325

Onsite

Ancillary Facilities N

#### Waste Management Plan Adequate? Y

#### Environmental Parameters

Affected Floodplains and/or Wetland N

#### Flora / Fauna

Moderately dense pinion-juniper with little understory. Prickly pear, slender wheatgrass, ephedra. Deer, elk, Mtn. Lion, coyote and small mammals.

#### Soil Type and Characteristics

Shallow to moderately deep shaley clay loam.

Erosion Issues N

Sedimentation Issues N

Site Stability Issues N

Drainage Diverson Required N

#### Berm Required? N

#### Erosion Sedimentation Control Required? N

Small existing drainages will be cut and leveled with the pad construction.

Paleo Survey Run? N Paleo Potental Observed? N Cultural Survey Run? Y Cultural Resources? N

#### Reserve Pit

Site-Specific Factors		Site I	Ranking		
Distance to Groundwater (feet)	>200		Ö		
Distance to Surface Water (feet)	>1000		0		
Dist. Nearest Municipal Well (ft)	>5280		0		
Distance to Other Wells (feet)	>1320		0		
Native Soil Type	Mod permeability		10		
Fluid Type	Fresh Water		5		
Drill Cuttings	Normal Rock		0		
Annual Precipitation (inches)	10 to 20		5		
Affected Populations	<10		0		
Presence Nearby Utility Conduits	Not Present		0		
		Final Score	20	1	Sensitivity Level

#### Characteristics / Requirements

Pit is on the upslope side of the location in an area of cut. Size is 50' x 175'. Operator plans to install a 16 mil liner with sub-felt.

Closed Loop Mud Required? N Liner Required? Y Liner Thickness 16 Pit Underlayment Required? Y

#### **Other Observations / Comments**

Nathan Sill represented the Utah Division of Wildlife resources at the presite. He stated the UDWR has classified the area as critical winter habitat for both elk and deer. He did not recommend any drilling or operating restrictions as Bill Barrett Corp. is working with the UDWR to provide habitat improvement projects to mitigate for winter impacts on big game in the area. No other wildlife species are expected to be affected.

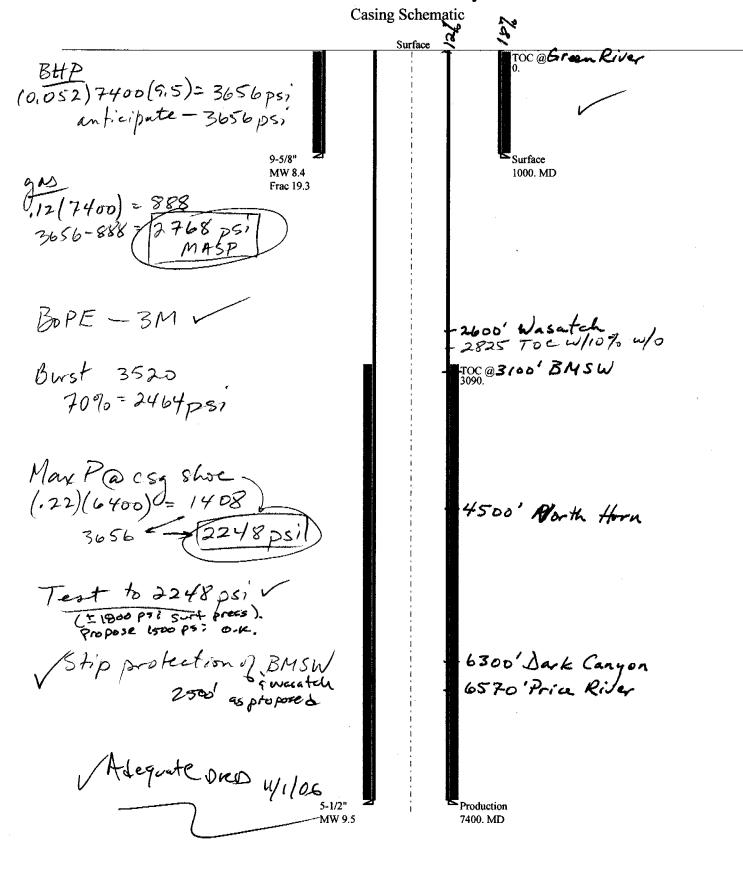
Ed Bonner and Jim Davis of SITLA were invited to the presite but neither attended.

An existing pipeline going to the 7-16 well will be burried where crossed with the planned access road.

The presite was conducted on a cold snowy day.

Floyd Bartlett 10/25/2006 **Evaluator Date / Time** 

# 256-10 Bill Barrett Prickley Pear U St 9-16-12-15



Well name:

2006-10 Bill Barrett Prickley Pear U St 9-16-12-15

Operator:

**Bill Barrett Corp** 

String type:

Surface

Project ID:

43-007-31240

Location:

Carbon County

Design parameters:

Collapse

Mud weight:

8.400 ppg

Design is based on evacuated pipe.

Minimum design factors:

Collapse:

Design factor

1.125

**Environment:** H2S considered?

Surface temperature: Bottom hole temperature:

70 °F 84 °F

No

Temperature gradient: Minimum section length: 1.40 °F/100ft 185 ft

1.80 (J) 1.80 (J)

1.00

Cement top:

Surface

<u>Burst</u>

Max anticipated surface

pressure:

880 psi

Internal gradient: Calculated BHP

0.120 psi/ft 1,000 psi

No backup mud specified.

Tension:

Design factor

**Burst:** 

8 Round STC: 8 Round LTC:

**Buttress:** 1.60 (J) Premium: 1.50 (J)

Body yield: 1.50 (B)

Tension is based on air weight. Neutral point: 876 ft

Non-directional string.

Re subsequent strings:

Next setting depth: Next mud weight: Next setting BHP:

7,400 ft 9.500 ppg 3,652 psi 19.250 ppg

Fracture mud wt: Fracture depth: Injection pressure:

1,000 ft 1,000 psi

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft³)
1	1000	9.625	36.00	J-55	LT&C	1000	1000	8.796	434.1
Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
1	436	2020	4.629 🗸	1000	3520	3.52	36	` 453 ´	12.58 J

Prepared

Helen Sadik-Macdonald

Div of Oil, Gas & Minerals

Phone: 801/538-5357 FAX: 801/359-3940

Date: October 31,2006 Salt Lake City, Utah

**ENGINEERING STIPULATIONS: NONE** 

Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Collapse is based on a vertical depth of 1000 ft, a mud weight of 8.4 ppg. The casing is considered to be evacuated for collapse purposes. Burst strength is not adjusted for tension.

Well name:

2006-10 Bill Barrett Prickley Pear U St 9-16-12-15

Operator:

**Bill Barrett Corp** 

String type:

Production

Project ID: 43-007-31240

Location:

Carbon County

Minimum design factors: **Environment:** 

Design parameters: <u>Collapse</u>

Mud weight:

9.500 ppg Design is based on evacuated pipe.

Collapse:

Design factor 1.125

H2S considered?

Surface temperature:

No 70 °F

Bottom hole temperature: Temperature gradient:

174 °F 1.40 °F/100ft

Minimum section length:

368 ft

Burst:

Design factor

1.00 Cement top:

1.80 (J)

1.80 (J) 1.60 (J) 3,090 ft

Burst

Max anticipated surface

pressure:

2,024 psi

Internal gradient: Calculated BHP

3,652 psi

0.220 psi/ft

No backup mud specified.

**Buttress:** Premium: Body yield:

Tension:

8 Round STC:

8 Round LTC:

1.50 (J) 1.50 (B)

Tension is based on air weight. Neutral point: 6,334 ft Non-directional string.

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft³)
1	7400	5.5	17.00	N-80	LT&C	7400	7400	4.767	965.9
Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
1	3652	6290	1.722 🗸	3652	7740	2.12	126	348	2.77 J

Prepared

Helen Sadik-Macdonald

Div of Oil, Gas & Minerals

Phone: 801/538-5357 FAX: 801/359-3940

Date: October 31,2006 Salt Lake City, Utah

**ENGINEERING STIPULATIONS: NONE** 

Burst strength is not adjusted for tension.

Collapse strength is based on the Westcott, Dunlop & Kernler method of biaxial correction for tension. Collapse is based on a vertical depth of 7400 ft, a mud weight of 9.5 ppg. The casing is considered to be evacuated for collapse purposes. Well name:

2006-10 Bill Barrett Prickley Pear U St 9-16-12-15

Operator:

**Bill Barrett Corp** 

String type:

Production

Location:

Carbon County

Project ID:

43-007-31240

Design parameters:

**Collapse** 

Mud weight:

9.500 ppg

Design is based on evacuated pipe.

Minimum design factors:

Collapse:

Design factor

**Environment:** 

H2S considered?

No 70 °F Surface temperature: 174 °F Bottom hole temperature:

Temperature gradient:

1.40 °F/100ft

Minimum section length:

368 ft

Burst:

Design factor

1.00 Cement top: 3.090 ft

**Burst** 

Max anticipated surface

pressure:

2,024 psi 0.220 psi/ft

Internal gradient: Calculated BHP

3,652 psi

No backup mud specified.

Premium:

Body yield:

Tension:

8 Round STC: 1.80 (J) 1.80 (J) 8 Round LTC:

1.125

Buttress: 1.60 (J) 1.50 (J)

1.50 (B)

Non-directional string.

Tension is based on air weight. Neutral point: 6,349 ft

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft³)
1	7400	4.5	11.60	I-80	LT&C	7400	7400	3.875	645.8
Run Seq	Collapse Load (psi) 3652	Collapse Strength (psi) 6360	Collapse Design Factor 1.742	Burst Load (psi) 3652	Burst Strength (psi) 7780	Burst Design Factor 2.13	Tension Load (Kips) 86	Tension Strength (Kips) 212	Tension Design Factor 2.47 J

Prepared

Helen Sadik-Macdonald

Div of Oil, Gas & Minerals

Phone: 801/538-5357

FAX: 801/359-3940

Date: November 1,2006 Salt Lake City, Utah

**ENGINEERING STIPULATIONS: NONE** 

Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Collapse is based on a vertical depth of 7400 ft, a mud weight of 9.5 ppg. The casing is considered to be evacuated for collapse purposes. Burst strength is not adjusted for tension.

### **United States Department of the Interior**

### BUREAU OF LAND MANAGEMENT

Utah State Office P.O. Box 45155 Salt Lake City, Utah 84145-0155

IN REPLY REFER TO: 3160 (UT-922)

October 18, 2006

#### Memorandum

To:

Assistant Field Office Manager Resources,

Moab Field Office

From:

Michael Coulthard, Petroleum Engineer

Subject:

2006 Plan of Development Prickly Pear Unit Carbon County,

Utah.

Pursuant to email between Diana Whitney, Division of Oil, Gas and Mining, and Mickey Coulthard, Utah State Office, Bureau of Land Management, the following wells are planned for calendar year 2006 within the Prickly Pear Unit, Carbon County, Utah.

API#

WELL NAME

LOCATION

(Proposed PZ Price River)

43-007-31245 PPU St 1-16-12-15 Sec 16 T12S R15E 0826 FNL 0642 FEL
43-007-31240 PPU St 9-16-12-15 Sec 16 T12S R15E 1836 FSL 0490 FEL
43-007-31237 PPU Fed 4-27D-12-15 Sec 22 T12S R15E 0825 FSL 0463 FWL
BHL Sec 27 T12S R15E 0660 FNL 0660 FWL
43-007-31238 PPU Fed 13-22-12-15 Sec 22 T12S R15E 0836 FSL 0451 FWL
43-007-31239 PPU Fed 3-27D-12-15 Sec 22 T12S R15E 0815 FSL 0475 FWL
BHL Sec 27 T12S R15E 0660 FNL 1980 FWL
43-007-31241 PPU Fed 9-28D-12-15 Sec 28 T12S R15E 0811 FNL 1199 FEL
BHL Sec 28 T12S R15E 2310 FSL 0660 FEL
43-007-31242 PPU Fed 5-27D-12-15 Sec 28 T12S R15E 0795 FNL 1154 FEL
BHL Sec 27 T12S R15E 1980 FNL 0660 FWL
43-007-31243 PPU Fed 01-28-12-15 Sec 28 T12S R15E 0805 FNL 1184 FEL
43-007-31244 PPU Fed 8-28D-12-15 Sec 28 T12S R15E 0800 FNL 1169 FEL
BHL Sec 28 T12S R15E 1980 FNL 0660 FEL

This office has no objection to permitting the wells at this time.

From:

Ed Bonner

To:

Mason, Diana

Date:

10/31/2006 3:32:57 PM

Subject:

Well Clearance

The following wells have been given cultural resource clearance by the Trust Lands Cultural Resources Group:

#### Bill Barrett Corporation

Prickly Pear State 1-16-12-15 (API 43 007 31245) Prickly Pear State 9-16-12-15 (API 43 007 31240)

### Enduring Resources, LLC

Long Draw 12-24-32-24 (API 43 047 38484)

Sand Wash 12-22-13-36 (API 43 047 38288)

Sand Wash 12-22-14-36 (API 43 047 38287)

Rock House 10-22-43-36 (API 43 047 38323)

Southarn Canyon 9-25-14-31 (API 43 047 38451)

If you have any questions regarding this matter please give me a call.

CC:

Davis, Jim; Garrison, LaVonne; Hill, Brad; Hunt, Gil



State of Utah

Department of Natural Resources

MICHAEL R. STYLER Executive Director

Division of Oil, Gas & Mining

JOHN R. BAZA
Division Director

JON M. HUNTSMAN, JR.

GARY R. HERBERT Lieutenant Governor

November 2, 2006

Bill Barrett Corporation 1099 18th St., Ste. 2300 Denver, CO 80202

Re:

Prickly Pear Unit State 9-16-12-15 Well, 1836' FSL, 490' FEL, NE SE,

Sec. 16, T. 12 South, R. 15 East, Carbon County, Utah

#### Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann.§ 40-6-1 et seq., Utah Administrative Code R649-3-1 et seq., and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-007-31240.

Sincerely,

Gil Hunt

Associate Director

pab Enclosures

cc:

Carbon County Assessor

**SITLA** 

Bureau of Land Management, Moab District Office

Operator:	Bill Barrett Corporation
Well Name & Number	Prickly Pear Unit State 9-16-12-15
API Number:	43-007-31240
Lease:	ML-46708
•	· · · · · · · · · · · · · · · · · · ·

Location: NE SE

Sec. 16

**T.** 12 South

**R.** 15 East

### **Conditions of Approval**

#### 1. General

Compliance with the requirements of Utah Admin. R. 649-1 et seq., the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for Permit to Drill.

### 2. Notification Requirements

The operator is required to notify the Division of Oil, Gas and Mining of the following actions during drilling of this well:

- 24 hours prior to cementing or testing casing
- 24 hours prior to testing blowout prevention equipment
- 24 hours prior to spudding the well
- within 24 hours of any emergency changes made to the approved drilling program
- prior to commencing operations to plug and abandon the well

The following are Division of Oil, Gas and Mining contacts and their work telephone numbers (please leave a voice mail message if the person is not available to take the call):

- Dan Jarvis at (801) 538-5338
- Carol Daniels at (801) 538-5284 (spud)

### 3. Reporting Requirements

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

- 4. Compliance with the State of Utah Antiquities Act forbids disturbance of archeological, historical, or paleontological remains. Should archeological, historical or paleontological remains be encountered during your operations, you are required to immediately suspend all operations and immediately inform the Trust Lands Administration and the Division of State History of the discovery of such remains.
- 5. Compliance with the Conditions of Approval/Application for Permit to Drill outlined in the Statement of Basis. (Copy Attached)
- 6. Cement volume for the 5 1/2" production string shall be determined from actual hole diameter in order to place cement from the pipe setting depth back to 2500' MD as indicated in the submitted drilling plan.



# DIVISION OF OIL, GAS AND MINING

### **SPUDDING INFORMATION**

Name of Company:	BILL BARRETT CORPORATION
Well Name:	PRICKLY PEAR U ST 9-16-12-15
Api No: 43-007-3124	40 Lease Type: STATE
Section 16 Township	2 12S Range 15E County CARBON
Drilling Contractor	PETE MARTIN DRLG RIG # RATHOLE
SPUDDED:	
Date	11/21/06
Time	11:00 AM
How	DRY
Drilling will Commend	ce:
Reported by	ROBERT SCHULTZ
Telephone #	(254) 460-4489
Data 11/27/2006	Signed CHD

# STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS AND MINING

FORM 6

			ENTITY ACTION	FORM				
perator:	Bill Barr	ett Corporation		Ope	rator Acc	count Nu	mber: <u>N</u>	2165
Address: 1099 18th Street, Suite 2300								
city Denver								
	state C	0	zip 80202		P	hone Nu	mber: _	303) 312-8168
Well 1		•			Sec	Twp	- Qua	County -
	umber :		Name	QQ	16	12S	15E	Carbon
	31240 : Code	Prickly Pear Unit Stat	New Entity		pud Dat		£nt	ity Assignment Mective Date
		Number	Number			<u>:</u>	· · · · · · · · · · · · · · · · · · ·	1.1
4	XB_	99999	14794	1	1/21/200	<b>76</b>		1/30/06
Commen		ding Operations were c	onducted by Pete Mart	in Drilling	on 11/2	1/2006 (	11:00a	ım.
	PR	RV=mVRD	unitPA =	W57	nVΔ		HAIE	INENTIAL
•						l	UNT	IDEMINA
Well 2	umber	Well	Name	QQ	Sec	Twp	Rng	County
VL I I	ulliber .	,						
Action	1 Code	Current Entity Number	New Entity Number	Š	pud Da	<b>e</b>		ity Assignment Mective Date
		The second secon				<u> </u>		
Commer	nts:					T :		
API N	umber	Well	Name	QQ	Sec	Twp	Rng	County
Action	n Code	Current Entity Number	New Entity Number	\$	Spud Da	te		ity Assignment Effective Date
Comme	nts:			<u>]</u>		<u>.                                  </u>		
	, , , , , , , , , , , , , , , , , , , ,			•		<del></del>		
TION COL	DES:	and the far name wall fain als	well only)	Má	att Barbe	r		
A - Est	: wen naudan d new well t	entity for new well (single o existing entity (group or	unit well)		me (Please			
Ç - Re-	-assign well	from one existing entity t	o another existing entity		Pat Bu	Los		
D - Re- E - Oth	-assign well ner (Explain	from one existing entity t in 'comments' section)	o a new entity		nature rmit Ana	lyst		6/27/2006 Date
000)			REC	=IVE[	Ď			<del></del>

NUV 2 4 2006

DIV. OF OIL, GAS & MINING

### STATE OF UTAH

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ų.	. 281	II I	u	L		1		L	FORM	9

	:	5. LEASE DESIGNATION AND SERIAL NUMBER.  ML 46708						
	SUNDRY	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:						
Do r	not use this form for proposals to drill n	7. UNIT or CA AGREEMENT NAME: Prickly Pear Unit						
1. T	(PE OF WELL OIL WELL	aterals. Use APPLICATION FOR PERMIT TO DRILL fo	om tot sach propos	415.		L NAME and NUMBER: kly Pear Unit State 9-16		
	AME OF OPERATOR:	DATION			9. API	NUMBER: 0731240		
	L BARRETT CORPOR			PHONE NUMBER:	10. FIE	LD AND POOL, OR WILDCAT:		
	99 18TH St. Ste230C <sub>CIT</sub>	Denver STATE CO ZIP	80202	(303) 312-8168	Nin	e Mile		
	DOTAGES AT SURFACE: 1836'	FSL, 490' FEL			COUNT	ry: Carbon		
	TR/QTR, SECTION, TOWNSHIP, RAN		5E		STATE	UTAH		
11.	CHECK APPI	ROPRIATE BOXES TO INDICAT	E NATURE	OF NOTICE, REPO	RT, O	R OTHER DATA		
	TYPE OF SUBMISSION			YPE OF ACTION				
	NOTICE OF INTENT	ACIDIZE	DEEPEN		片	REPERFORATE CURRENT FORMATION		
	(Submit in Duplicate)	ALTER CASING	FRACTURI	TREAT		SIDETRACK TO REPAIR WELL TEMPORARILY ABANDON		
	Approximate date work will start:	CASING REPAIR  CHANGE TO PREVIOUS PLANS		R CHANGE		TUBING REPAIR		
		CHANGE TUBING		ABANDON		VENT OR FLARE		
V	SUBSEQUENT REPORT	CHANGE WELL NAME	PLUG BAC		П	WATER DISPOSAL		
•	(Submit Original Form Only)	CHANGE WELL STATUS	PRODUCT	ON (START/RESUME)	$\overline{\Box}$	WATER SHUT-OFF		
	Date of work completion:	COMMINGLE PRODUCING FORMATIONS	RECLAMA	TION OF WELL SITE	V	OTHER: Weekly Activity		
		CONVERT WELL TYPE	RECOMPL	ETE - DIFFERENT FORMATION		Report		
DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.  WEEKLY DRILLING ACTIVITY REPORT FROM 12/18/2006 - 12/24/2006.								
	LENET BINDERIO, IO.							

(This space for State use only)

RECEIVED

Permit Analyst

1/3/2007

TITLE

DATE

JAN 0 5 2007



Well: Prickly Pear State #9-16-12-15

API#: 43-007-31240

Operations Date: 12/24/2006

Surface Location: NESE-16-12S-15 E 26th PM

Area: West Tavaputs

Report #: 3

Spud Date: 12/30/2006

Morning Operations: Rigging up

Days From Spud: 0

Estimated Total Depth :

Depth At 06:00:

7220

7220

Time To

Description

6:00 PM

Rig up air hoists on floor,put wind wall tarps on framing.Hook up water lines to floor,hydro-matic,mud tanks.Fill boiler w/water.Welding on rig components w/one welder most of the day.Have one welder that will work through the holiday.Having trouble getting materials

also

6:00 AM

Rig idle overnight.

Remarks:

RDSLTA: 353 DAYS...

WEATHER: COLD & CLEAR

BOILER: 0 HRS. SAFETY MEETINGS:

TUBULARS ON LOCATION:

(3) 8" DC'S (6) 6.5" DC'S

(41) JTS. 4.5" SHWDP-KNIGHT OIL TOOL

(343) JTS. 4.5" 16.60 XH G-105 DP

RECIEVED 4500 GALS FUEL . FUEL ON HAND : 6100 GALS

Well: Prickly Pear State #9-16-12-15

API#: 43-007-31240

Operations Date: 12/23/2006

Surface Location: NESE-16-12S-15 E 26th PM

Area: West Tavaputs

Report #: 38

Spud Date: 12/30/2006

Davs From Spud: 0

Estimated Total Depth:

Depth At 06:00 :

Morning Operations: Rigging up

Remarks:

RDSLTA: 352 DAYS...

WEATHER: COLD & SNOWING

BOILER: 0 HRS. SAFETY MEETINGS:

Time To 6:00 PM

Description

Start lightplant and floor motors.Raise derrick,set in floorplates,set iron roughneck on floor.Put up windwall framing.Welding on A leg

braces, steam heater brackets. Approx. 2-3 days welding to be done on rig before spudding. Having trouble getting welders over Christmas

holiday.

6:00 AM

Rig idle overnight.

TUBULARS ON LOCATION:

(3) 8" DC'S

(6) 6.5" DC'S

(41) JTS. 4.5" SHWDP-KNIGHT OIL TOOL

(343) JTS. 4.5" 16.60 XH G-105 DP

RECIEVED 4500 GALS FUEL . FUEL ON HAND : 6100 GALS

Well: Prickly Pear State #9-16-12-15

API#: 43-007-31240

Operations Date: 12/22/2006

Surface Location: NESE-16-12S-15 E 26th PM

Area: West Tavaputs

Report #: 37

Spud Date: 12/30/2006

Days From Spud: 0

Depth At 06:00 :

Estimated Total Depth:

7220

Morning Operations: Rigging Up

Time To

Description

6:00 PM

Report By Wellcore

Set derrick on floor, set in pumps & back yard. String up blocks, set

drillers doghouse.

Released trucks & crane@16:00 hrs

Remarks:

RDSLTA: 351 DAYS...

WEATHER: COOL & CLEAR

BOILER: 0 HRS

SAFETY MEETINGS : COLD WEATHER & CATHEAD

OPERATIONS.

**TUBULARS ON LOCATION:** 

(3) 8" DC'S (6) 6.5" DC'S

(41) JTS. 4.5" SHWDP-KNIGHT OIL TOOL

(343) JTS. 4.5" 16.60 XH G-105 DP

RECIEVED 4500 GALS FUEL FUEL ON HAND: 6100 GALS

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JAN 0 5 2007

Days From Spud:

Pin spreader beams and rotary speaders in sub havles.Install A legs

to derrick. Set drawworks on sub, rotary table. Set mud tanks.



Well: Prickly Pear State #9-16-12-15

API#: 43-007-31240

Operations Date: 12/21/2006

Surface Location: NESE-16-12S-15 E 26th PM

Area: West Tavaputs

Report #:

Spud Date: 12/30/2006

0

Depth At 06:00:

Estimated Total Depth:

7220

Time To

Morning Operations: Rigging up

Description

Remarks:

RDSLTA: 350 DAYS

WEATHER: COOL & CLEAR

BOILER: 0 HRS.

SAFETY MEETINGS : COLD WEATHER & CATHEAD

OPERATIONS.

6:00 AM

6:00 PM

Rig idle overnight

**TUBULARS ON LOCATION:** 

(3) 8" DC'S (6) 6.5" DC'S

(41) JTS. 4.5" SHWDP-KNIGHT OIL TOOL

(343) JTS. 4.5" 16.60 XH G-105 DP

RECIEVED 4500 GALS FUEL . FUEL ON HAND: 6100 GALS

Well: Prickly Pear State #9-16-12-15

API#: 43-007-31240

Operations Date: 12/20/2006

Surface Location: NESE-16-12S-15 E 26th PM

Area: West Tavaputs

Report #:

Spud Date: 12/30/2006

Days From Spud: 0 Depth At 06:00:

Morning Operations: Set sub halves

Estimated Total Depth:

7220

Time To

Description

6:00 PM

Set top sections of subs & try to pin together. Sub halves will not line up due to V block alignment pads on subs. Will cut blocks off and pin

then reweld. Put derrick together.

Remarks: DSLTA: 349 DAYS

WEATHER: COOL & CLEAR

**BOILER: 0 HRS** 

SAFETY MEETINGS : COLD WEATHER & CATHEAD

OPERATIONS.

6:00 AM

Rig idle overnight.

**TUBULARS ON LOCATION:** 

(3) 8" DC'S (6) 6.5" DC'S

(41) JTS. 4.5" SHWDP-KNIGHT OIL TOOL

(343) JTS. 4.5" 16.60 XH G-105 DP

RECIEVED 4500 GALS FUEL . FUEL ON HAND: 6100 GALS

Well: Prickly Pear State #9-16-12-15

API#: 43-007-31240

Operations Date: 12/19/2006

Surface Location: NESE-16-12S-15 E 26th PM

Area: West Tavaputs

Report #:

Spud Date: 12/30/2006

Days From Spud: 0 Depth At 06:00:

Morning Operations: RECIEVING REST OF RIG

Estimated Total Depth:

7220

Time To

Description

6:00 AM

RECIEVED ALL LOADS TO TOP OF MOUNTAIN EXCEPT FOR

TOP DOG HOUSE & DRAWORKS ( SET LOWER SECTION OF SUBS IN PLACE WITH TOP SECTION ON LOCATION) CRANE

ARRIVED @ 4:30 PM ON TOP OF MOUNTAIN

Remarks:

DSLTA: 348 DAYS

WEATHER: COOL & CLEAR

BOILER: 0 HRS

SAFETY MEETINGS : COLD WEATHER & CATHEAD

**OPERATIONS** 

TUBULARS ON LOCATION:

(3) 8" DC'S (6) 6.5" DC'S

(41) JTS. 4.5" SHWDP-KNIGHT OIL TOOL (343) JTS. 4.5" 16.60 XH G-105 DP

RECIEVED 4500 GALS FUEL FUEL ON HAND: 6100 GALS



Well: Prickly Pear State #9-16-12-15

API#: 43-007-31240

Operations Date: 12/18/2006

Surface Location: NESE-16-12S-15 E 26th PM

Area: West Tavaputs

Report #: 33

Spud Date: 12/30/2006

0 Days From Spud:

Depth At 06:00:

Morning Operations: STARTED PULLING LOADS UP HARMAN CANYON @ 1:30 PM

Estimated Total Depth:

7220

Time To

Description

6:00 AM

RECIEVED CROWN SECTION, BOARD, 2 PONY SUBS &

DRAWORKS TO TOP OF HARMAN CANYON ( SNOWED APPROX 1 FOOT TODAY & STILL SNOWING) REMAINING LOADS SHOULD

LEAVE PATTERSON YARD @ 8:00 AM

Remarks:

**DSLTA: 347 DAYS** WEATHER: SNOWING

BOILER: 0 HRS.

SAFETY MEETINGS: CHAINING UP TRUCKS & PULLING

TRUCKS W/ DOZER.

TUBULARS ON LOCATION:

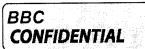
(3) 8" DC'S (6) 6.5" DC'S

(41)JTS. 4.5" SHWDP-KNIGHT OIL TOOL

(343) JTS. 4.5" 16.60 XH G-105 DP

FUEL ON HAND: 1600 GALS.

### **STATE OF UTAH**



# CONFIDENTIAL

SUNDRY NOTICES AND REPORTS ON WELLS  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.  1. TYPE OF WELL  OIL WELL  GAS WELL  OTHER  9. API NUMBER:	NAME						
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.  1. TYPE OF WELL  OIL WELL  GAS WELL  OTHER  OTHER  8. WELL NAME and NUMBER: Prickly Pear Unit State	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:						
1. TYPE OF WELL OIL WELL GAS WELL OTHER Prickly Pear Unit State							
A ARIANIMOED	9-16						
2. NAME OF OPERATOR: BILL BARRETT CORPORATION 4300731240							
3 ADDRESS OF OPERATOR: 1099 18TH St. Ste230C <sub>CITY</sub> Denver STATE CO ZIP 80202 PHONE NUMBER: (303) 312-8168 10. FIELD AND POOL, OR WILDCA' Nine Mile	ī:						
4 LOCATION OF WELL  COUNTY: Carbon  COUNTY: Carbon							
FOOTAGES AT SURFACE: 1836' FSL, 490' FEL COUNTY: Carbon							
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NESE 16 12S 15E STATE: UTAH							
CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA							
TYPE OF SUBMISSION TYPE OF ACTION							
NOTICE OF INTENT DEEPEN REPERFORATE CURRENT	FORMATION						
(Submit in Duplicate)  ALTER CASING  FRACTURE TREAT  SIDETRACK TO REPAIR W	ELL						
Approximate date work will start CASING REPAIR NEW CONSTRUCTION TEMPORARILY ABANDON							
CHANGE TO PREVIOUS PLANS OPERATOR CHANGE TUBING REPAIR							
CHANGE TUBING PLUG AND ABANDON VENT OR FLARE							
SUBSEQUENT REPORT CHANGE WELL NAME PLUG BACK WATER DISPOSAL							
(Submit Original Form Only)  CHANGE WELL STATUS  PRODUCTION (START/RESUME)  WATER SHUT-OFF							
Date of work completion:  COMMINGLE PRODUCING FORMATIONS RECLAMATION OF WELL SITE  OTHER: Weekly Act	ivity						
CONVERT WELL TYPE RECOMPLETE - DIFFERENT FORMATION Report							
DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.  WEEKLY DRILLING ACTIVITY REPORT FROM 12/25/2006 - 12/31/2006.							

(This space for State use only)

NAME (PLEASE PRINT) Matt Barber

RECEIVED

JAN 0 5 2007

Permit Analyst

1/4/2007

TITLE

DATE

Days From Spud:

LAY DOWN IRON ROUGHNECK (WOULD'NT WORK) RIG UP

LOST ALL RETURNS ( MIX UP GEL & LCM SWEEPS) LOST



Well: Prickly Pear State #9-16-12-15

TONGS & NEW WEIGHT INDIACATOR

APPROX. 400 BBLS - GOT RETURNS

DRLG 12 1/4" HOLE F/ 85' TO 579'

RUN SURVEY @ 526' = 1 DEGREE

RUN SURVEY @ 957' = 1 1/4 DEGREE

SHORT TRIP 7 STANDS (CLEAN TRIP)

**RUN SURVEY MISS RUN** 

DRLG F/ 579' TO 609'

DRLG F/ 609' TO 1040'

CIRC & SWEEP HOLE

DRLG 12 1/4" HOLE F/ 65' TO 85'

API#: 43-007-31240

Operations Date: 12/31/2006

Surface Location: NESE-16-12S-15 E 26th PM

Report #:

Spud Date: 12/30/2006

Time To

10:00 AM

10:30 AM

12:30 PM

8:30 PM

9:00 PM

9:30 PM

10:00 PM

3:00 AM

3:30 AM

4:00 AM

6:00 AM

Time To

6:00 AM

Area: West Tavaputs

1040 Depth At 06:00:

Morning Operations: CIRC WELL

Description

Estimated Total Depth:

7220

Remarks:

**DSLTA: 360 DAYS** 

WEATHER: COOL & CLEAR

**BOILER: 24 HRS** 

SAFETY MEETINGS : PICKING UP DC'S & AIR TUGGER

**OPERATIONS** 

WATER HAULED:580 BBLS. TOTAL WATER: 4300 BBLS.

**TUBULARS ON LOCATION:** 

(3) 8" DC'S

(6) 6.5" DC'S

(41) JTS. 4.5" SHWDP-KNIGHT OIL TOOL

(343) JTS, 4.5" 16.60 XH G-105 DP

MOTORS ON LOCATION: HUNTING 8" .11 RPG S/N 8026

(2) 6.25" ESXII .16 RPG S/N 6100 & 6212 (2) BICO P-50XL .17 RPG S/N F 21 & E 16

FUEL ON HAND: 5448 GALS.

FUEL USED: 1577 GALS.

Well: Prickly Pear State #9-16-12-15

API#: 43-007-31240

Operations Date: 12/30/2006

Surface Location: NESE-16-12S-15 E 26th PM

Area: West Tavaputs

Report #: Depth At 06:00:

Spud Date: 12/30/2006

Description

WORK TONGS.

Days From Spud: 0

Estimated Total Depth:

7220

Morning Operations: RIGGING UP / LAYING IRON ROUGHNECK DOWN & OUT OF THE WAY

BUILD HYDRAMATIC GUARD, LATTER TO DERRICK, PICK UP

ROUGHNECK, AIR OUT MUD PUMPS, LAYED IRON ROUGHNECK

DOWN COULD NOT GET IT TO EXTEND OUT TO MAKE UP DRILL PIPE , HANGING TONGS SO WE CAN GO TO DRILLING & MAKE

SWIVEL & KELLY, STAB KELLY SOCK, RIG UP LIGHTS IN PUMPS, REPAIR HOSE ON HYDRAULIC UNIT TO IRON

UP TUBULARS IRON ROUGHNECK SET'S IN THE WAY TO

Remarks:

**DSLTA: 359 DAYS** 

WEATHER: COLD & CLEAR

BOILER: 24 HRS.

SAFETY MEETINGS : PUMP REPAIR & HYDRAULIC

REPAIRS.

WATER HAULEDTO RESERVE PIT: 1600 BBLS.

WATER HAULED TO RIG TANK: 600 BBLS.

TOTAL WATER: 3720 BBLS.

TUBULARS ON LOCATION:

(3) 8" DC'S

(6) 6.5" DC'S

(41) JTS. 4.5" SHWDP-KNIGHT OIL TOOL

(343) JTS. 4.5" 16.60 XH G-105 DP

MOTORS ON LOCATION:

HUNTING 8" .11 RPG S/N 8026

(2) 6.25" ESXII .16 RPG S/N 6100 & 6212 BÍCO: (2) P-50XL .17 RPG S/N F21 & E 16

FUEL ON HAND: 7025 GALS.

FUEL USED: 1147 GALS.



Well: Prickly Pear State #9-16-12-15

API#: 43-007-31240

Operations Date: 12/29/2006

Surface Location: NESE-16-12S-15 E 26th PM

Report #:

Spud Date: 12/30/2006 Davs From Spud: Area: West Tavaputs

Depth At 06:00:

Morning Operations: Rigging up

Estimated Total Depth:

7220

Time To

Description

6:00 AM

Refab BOP walkway fab Hydromatic guard, cut out mousehole and rathole in floorplates & sub bases.Cut & weld flowline & install.Haul water from PPState 11-16 reserve pit to PPState 9-16. Hookup reserve pit pump & circulate mudtanks to reserve pit.Rig up water to brakes Install mufflers on air hoists stacks on floor motors, line guide,On/Off switches for liner washer pumps on mud pumps.

Remarks:

DSLTA: 358 DAYS...

WEATHER: COLD & SNOWING-6" new snow

BOILER: 24 HRS.

SAFETY MEETINGS : Housekeeping

WATER HAULED TODAY:320 BBLS TOTAL WATER HAULED: 1520 BBLS

**TUBULARS ON LOCATION:** 

(3) 8" DC'S (6) 6.5" DC'S

(41) JTS, 4,5" SWDP-KNIGHT OIL TOOL (343) JTS. 4.5" 16.60 XH G-105 DP

RECIEVED:8000 GALS FUEL . FUEL ON HAND: 8172 GALS **FUEL USED: 1005 GALLONS** 

MUD MOTORS:

HUNTING: 8" .11RPG S/N# 8026

(2)6.25" ESXII .16 RPG S/N#6100 & 6212 BICO: (2)P-50XL .17 RPG S/N#F21&E16

Well: Prickly Pear State #9-16-12-15

API#: 43-007-31240 Area: West Tavaputs Operations Date: 12/28/2006

Surface Location: NESE-16-12S-15 E 26th PM

Report #:

Spud Date: 12/30/2006

Days From Spud: 0 Depth At 06:00:

Morning Operations: RIGGING UP

Estimated Total Depth:

7220

Time To

Description

6:00 PM

Welding on rig components, flowline, conductor, weld mounting bracket

f/ weight indicator,rig up Pason components,accumulator remote

panel mounting brackets, fill mud tanks w/H2O.

6:00 AM

Rig idle.

Remarks:

DSLTA: 357 DAYS...

WEATHER: COLD & CLEAR

BOILER: 24 HRS.

SAFETY MEETINGS : Air hoist safety.

WATER HAULED TODAY:320 BBLS TOTAL WATER HAULED: 1520 BBLS

**TUBULARS ON LOCATION:** 

(3) 8" DC'S (6) 6.5" DC'S

(41) JTS, 4.5" SWDP-KNIGHT OIL TOOL (343) JTS. 4.5" 16.60 XH G-105 DP

RECIEVED:8000 GALS FUEL . FUEL ON HAND: GALS

MUD MOTORS:

HUNTING: 8" .11RPG S/N# 8026 (2)6.25" ESXII .16 RPG S/N#6100 & 6212 BÍCO: (2)P-50XL .17 RPG S/N#F21&E16



Well: Prickly Pear State #9-16-12-15

API#: 43-007-31240

Operations Date: 12/27/2006

Surface Location: NESE-16-12S-15 E 26th PM

Area: West Tavaputs

Report #: 42

Spud Date: 12/30/2006

Depth At 06:00:

SAFETY MEETINGS : High PSI lines& Chains/Snub lines.

Morning Operations: Rigging up

Estimated Total Depth:

7220

Time To 6:00 PM Description

Finish welding standpipe manifold. Move boomline air tugger base away from compound on drawworks.Remount air tugger.Build turnbuckles for conductor & BOP stack. Tack conductor to riser for measurement for flowline.Fab A leg spreader beams & install.Rig up derrick board. Electrician ran electrical to Iron Roughneck on floor.
\*\*LCL Oil filled all propane tanks on camps & at Nine Mile camp.\*\*

Days From Spud:

WATER HAULED TODAY: 1200 BBLS **TOTAL WATER HAULED: 1200 BBLS** 

BOILER: 24 HRS.

Remarks: DSLTA: 356 DAYS

6:00 AM

Rig idle overnight.

**TUBULARS ON LOCATION:** 

WEATHER: COLD & CLEAR

(3) 8" DC'S (6) 6.5" DC'S

(41) JTS. 4.5" SWDP-KNIGHT OIL TOOL (343) JTS. 4.5" 16.60 XH G-105 DP

RECIEVED 4500 GALS FUEL . FUEL ON HAND: 3584 GALS

MUD MOTORS:

HUNTING: 8" .11RPG S/N# 8026 (2)6.25" ESXII .16 RPG S/N#6100 & 6212 BÍCO: (2)P-50XL .17 RPG S/N#F21&E16

Well: Prickly Pear State #9-16-12-15

API#: 43-007-31240

Operations Date: 12/26/2006

Surface Location: NESE-16-12S-15 E 26th PM

Area: West Tavaputs

Report #:

Spud Date: 12/30/2006

Days From Spud: 0

Depth At 06:00: Estimated Total Depth:

7220

Morning Operations: Rigging up

Description Time To

Open up boiler and leak ckeck steamlines. Rig up floor, water manifold

f/floor.Finish windwalls.Set in front yard.Will have welders back tomorrow and should finish rigging up by the 27th and will try to spud

the 27th or 28th.

6:00 AM

6:00 PM

Rlg idle overnight.

Remarks:

**DSLTA: 355 DAYS** WEATHER: COLD & CLEAR

BOILER: 24 HRS.

SAFETY MEETINGS :Air hoist safety...

WATER HAULED TODAY:1200 BBLS **TOTAL WATER HAULED: 1200 BBLS** 

**TUBULARS ON LOCATION:** 

(3) 8" DC'S

(6) 6.5" DC'S

(41) JTS. 4.5" SWDP-KNIGHT OIL TOOL (343) JTS. 4.5" 16.60 XH G-105 DP

RECIEVED 4500 GALS FUEL. FUEL ON HAND: 3584 GALS

MUD MOTORS:

HUNTING: 8" .11RPG S/N# 8026 (2)6.25" ESXII .16 RPG S/N#6100 & 6212



API#: 43-007-31240 Operations Date: 12/25/2006 Well: Prickly Pear State #9-16-12-15

Surface Location: NESE-16-12S-15 E 26th PM Area: West Tavaputs Report #:

Spud Date: 12/30/2006 Days From Spud: 0 Depth At 06:00:

Morning Operations: Rigging Up Estimated Total Depth: 7220

Time To Description

6:00 PM Repair broken valves in boiler, Fill with H2O & fire boiler. Fill rig water

tanks w/H2O.Circulating water to floor through brakes and water system. Weld and install rotary chain guard. Fix mounting brackets for other two air tuggers& install air tuggers. Install Wildcat auto driller components & mount controller box. Still waiting on Pason to hook up their equipment. Will fill mud tanks with H2O after Christmas day. Still need to fab steps to mud tanks, build saddles for mud lines in sub & secure, fill reserve pit w/ H2O when ready to drill surface, build

mounting brackets for new rod washer pumps/for triplex mud

pumps,open boiler up & check for steam leaks.
\*\*ACCIDENT\*\*Motorhand Joel Thomas fell off ladder while draining

oil from rotary table and br

6:00 AM Rig idle overnight. BOILER: 0 HRS.

**SAFETY MEETINGS:** 

**DSLTA: 354 DAYS...** 

WATER HAULED TODAY: 1200 BBLS TOTAL WATER HAULED: 1200 BBLS

**TUBULARS ON LOCATION:** 

WEATHER: COLD & CLEAR

(3) 8" DC'S (6) 6.5" DC'S

Remarks:

(41) JTS. 4.5" SWDP-KNIGHT OIL TOOL (343) JTS. 4.5" 16.60 XH G-105 DP

RECIEVED 4500 GALS FUEL. FUEL ON HAND: 3584 GALS

MUD MOTORS:

HUNTING: 8" .11RPG S/N# 8026

(2)6.25" ESXII .16 RPG S/N#6100 & 6212

### STATE OF UTAH

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL. GAS AND MINING

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# CONFIDENTIAL

FORM 9

DIVISION OF OIL, GAS AND MINING	ML 46708
SUNDRY NOTICES AND REPORTS ON WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.  1. TYPE OF WELL  OIL WELL  GAS WELL  OTHER	NA 7. UNIT OF CA AGREEMENT NAME: Prickly Pear Unit 8. WELL NAME and NUMBER: Prickly Pear Unit State 9-16
2. NAME OF OPERATOR:	9. API NUMBER:
BILL BARRETT CORPORATION  PHONE NUMBER:	4300731240  10. FIELD AND POOL, OR WILDCAT:
3. ADDRESS OF OPERATOR. 1099 18TH St. Ste230( <sub>CITY</sub> Denver STATE CO <sub>ZIP</sub> 80202 (303) 312-8168	Nine Mile
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1836' FSL, 490' FEL	соилту: Carbon
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NESE 16 12S 15E	STATE: UTAH
CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPO	ORT, OR OTHER DATA
TYPE OF SUBMISSION TYPE OF ACTION	
NOTICE OF INTENT DEEPEN	REPERFORATE CURRENT FORMATION
(Submit in Duplicate)	SIDETRACK TO REPAIR WELL
Approximate date work will start: CASING REPAIR NEW CONSTRUCTION	TEMPORARILY ABANDON
CHANGE TO PREVIOUS PLANS  OPERATOR CHANGE	TUBING REPAIR  VENT OR FLARE
CHANGE TUBING PLUG AND ABANDON	WATER DISPOSAL
SUBSEQUENT REPORT (Submit Original Form Only)  CHANGE WELL NAME  PLUG BACK  PLUG BACK	WATER SHUT-OFF
Date of work completion	OTHER: Weekly Activity
COMMINGLE PRODUCING FORMATIONS RECLAMATION OF WELL SITE  CONVERT WELL TYPE RECOMPLETE - DIFFERENT FORMATION	Panort
DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volume weekly drilling activity report from 01/01/2007 - 01/07/2007.	nes, etc.
NAME (PLEASE PRINT) Matt Barber TITLE Permit Analyst  M + 1 1/8/2007	
SIGNATURE Matt Dr. DATE DATE	SEATING TO
(This space for State use only)	RECEIVED
	JAN 0 9 2007

DIV. OF OIL, GAS & MINING



Well: Prickly Pear State #9-16-12-15

API#: 43-007-31240

Operations Date: 1/7/2007

Surface Location: NESE-16-12S-15 E 26th PM

Area: West Tavaputs

Report #: Depth At 06:00:

6285

53

Morning Operations: DRILLING 7 7/8" PROD HOLE

Spud Date: 12/30/2006

Description

**BLIND & PIPE RAMS)** 

Days From Spud:

DROP SURVEY, PUMP PILL & TRIP OUT OF HOLE (FUNCTIONED

MAKE UP BIT # 3 & NEW MUD MOTOR & TRIP IN HOLE ( HOLE

Estimated Total Depth:

7220

Time To

12:00 PM

3:30 PM

SEEPING TOOK 49 EXTRA BBLS TO KEEP FULL)

DRLG 7 7/8" PROD HOLE F/ 5744' TO 6285'

Remarks:

DSLTA: 367 DAYS

WEATHER: COLD & WINDY

**BOILER: 24 HRS** 

SAFETY MEETINGS: PURPOSE OF TESTING RAMS &

**TRIPPING** 

TOTAL WATER: 6510 BBLS.

**TUBULARS ON LOCATION:** 

(3) 8" DC'S

(6) 6.5" DC'S

(41) JTS. 4.5" SHWDP-KNIGHT OIL TOOL (343) JTS. 4.5" 16.60 XH G-105 DP

DESANDER / DESILTER : ON

CENTRIFUGE: ON (DISCHARGING 16.6 LB.) RESERVE PIT FLUID 8.5 LB.

MOTORS ON LOCATION:

8" HUNTING .11 RPG S/N 8026 (14 HRS) (1) 6.25" ESXII .16 RPG S/N 6100 (1) 6.25" BICO P50XL .17 RPG S/N F 21

(1) 6.25" BICO P50XL .17 RPG S/N E 16(90.50 HR) (1)6.25 ESXII .16 RPG S/N 6212 ( 14.40 HRS)

FUEL DELIVERED :4500 GALS. FUEL ON HAND: 6452 GALS

SPR # 1 PUMP-49 SPM-275 PSI-@ 5810'- 8.9 WT. SPR#2 PUMP-52 SPM-300 PSI- @ 5842'- 8.9 WT.

Well: Prickly Pear State #9-16-12-15

API#: 43-007-31240

Operations Date: 1/6/2007

Surface Location: NESE-16-12S-15 E 26th PM

Area: West Tavaputs

Report #:

Spud Date: 12/30/2006

Davs From Spud:

5744 Depth At 06:00:

Morning Operations: TRIPPING FOR BIT & MUD MOTOR

Estimated Total Depth:

7220

Time To

Description

3:30 PM

DRLG 8 3/4" HOLE F/ 5143' TO 5428'

4:00 PM

SERVICE RIG ( CENTRIFUGE DICHARGE 14.9 WT. & RESERVE

PIT H 2/0 8.5 WT.)

6:00 AM

DRLG F/ 5428' TO 5744'

Remarks:

DSLTA: 366 DAYS

WEATHER: COLD & CLEAR

BOILER: 24 HRS

SAFETY MEETINGS : MAKING CONN. & MIXING

CHEMICALS

WATER DELIVERED: 100 BBLS TO BOILER

TOTAL WATER: 6510 BBLS.

TUBULARS ON LOCATION:

(3) 8" DC'S

(6) 6.5" DC'S

(41) JTS. 4.5" SHWDP-KNIGHT OIL TOOL (343) JTS. 4.5" 16.60 XH G-105 DP

DESANDER / DESILTER : ON

CENTRIFUGE :ON

MOTORS ON LOCATION: HUNTING 8" .11 RPG S/N 8026 (14 HRS.) (2) 6.25" ESXII .16 RPG S/N 6100 & 6212 (1) 6.25" BICO P50XL .17 RPG S/N F 21

(1) 6.25" BICO P50XL .17 RPG S/N E 16 ( 90.50 HRS)

FUEL ON HAND :3728 GALS. FUEL USED: 1863 GALS

Days From Spud:

6



Well: Prickly Pear State #9-16-12-15

DRLG 8 3/4" HOLE F/ 4180' TO 4291'

RUN SURVEY @ 4528' = 4 3/4 DEGREES

API#: 43-007-31240

Operations Date: 1/5/2007

Surface Location: NESE-16-12S-15 E 26th PM

Area: West Tavaputs

Report #:

Spud Date: 12/30/2006

Depth At 06:00:

5143

7220

Morning Operations: DRILLING 8 3/4" HOLE

Description

SERVICE RIG

DRLG F/ 4291' TO 4605'

DRLG F/ 4605' TO 5143"

Time To

8:30 AM

9:00 AM

5:30 PM

6:00 AM

6:00 AM

Time To

11:30 AM

12:00 PM

3:30 PM

4:00 PM

3:00 AM

Estimated Total Depth: Remarks:

**DSLTA: 365 DAYS** 

WEATHER: COLD & SNOWY

BOILER: 24 HRS

SAFETY MEETINGS: SETTING SLIPS & RUNNING

SURVEY MACHINE

WATER DELIVERED: 100 BBLS TO BOILER

TOTAL WATER: 6410 BBLS.

TUBULARS ON LOCATION:

(3) 8" DC'S (6) 6.5" DC'S

(41) JTS. 4.5" SHWDP-KNIGHT OIL TOOL (343) JTS. 4.5" 16.60 XH G-105 DP

MOTORS ON LOCATION:

HUNTING 8" .11 RPG S/N 8026 (14HRS.) (2) 6.25" ESXII .16 RPG S/N 6100 & 6212 (1) 6.25" BICO P50XL .17 RPG S/N F 21

(1) 6.25" BICO P50XL .17 RPG S/N E 16(67 HRS)

**FÚEL ON HAND: 5591 GALS** FUEL DELIVERED: 4500 GALS. DESANDER / DESILTER : ON

**CENTRIFUGE: ON** 

Well: Prickly Pear State #9-16-12-15

DRLG 8 3/4" HOLE F/ 2614' TO 3025'

RUN SURVEY @ 2946 = 3 DEGREES

API#: 43-007-31240

Operations Date: 1/4/2007

Surface Location: NESE-16-12S-15 E 26th PM

Area: West Tavaputs

Report #: 50

Spud Date: 12/30/2006

Days From Spud: 5

RIG SERVICE( BOP DRILL1 MIN & 40 SEC - FUNCTION TEST

Depth At 06:00:

4196

7220

Morning Operations: DRILLING 8 3/4" HOLE

Description

Estimated Total Depth: Remarks:

DSLTA: 364 DAYS

WEATHER: COOL & CLEAR

BOILER: 24 HRS.

SAFETY MEETINGS : RIG SERVICES & WORKING ON

CENTRIFUGE.

WATER DELIVERED: 100 BBL TO BOILER & 270 BBL

TO WATER TANK.

TOTAL WATER: 6310 BBLS.

DRLG F/ 3247' TO 4101'

DRLG F/ 3025' TO 3247'

RUN SURVEY @ 4022' = 6 1/4 DEGREES 3:30 AM

PIPE RAMS & ANNULAR)

DRLG F/4101' TO 4196' 6:00 AM

**TUBULARS ON LOCATION:** 

(3) 8" DC'S

(6) 6.5" DC'S

(41) JTS. 4.5" SHWDP-KNIGHT OIL TOOL

(343) JTS. 4.5" 16.60 XH G-105 DP

MOTORS ON LOCATION:

HUNTING 8" .11 RPG S/N 8026 (14 HRS) (2) 6.25" ESXII .16 RPG S/N 6100 & 6212

(1) 6.25" BICO P50XL .17 RPG S/N F 21

(1) 6.25" BICO P50XL .17 RPG S/N E 16 (44 HRS)

FUEL ON HAND: 3011 GALS. FUEL USED: 1577 GALS.

Days From Spud:



Well: Prickly Pear State #9-16-12-15

DRLG CEMENT & GUIDE SHOE

FIX AIR LEAK ON DRAWWORKS

DRILLING 8 3/4" HOLE F/ 1040' TO 1221'

RUN SURVEY @2029' = 1 3/4 DEGREE

1791' W 8.6 MW) (BOP DRILL 2 MIN)

API#: 43-007-31240

Operations Date: 1/3/2007

Surface Location: NESE-16-12S-15 E 26th PM

Area: West Tavaputs

Report #:

Spud Date: 12/30/2006

Time To

7:00 AM

9:30 AM

10:00 AM

6:30 PM

7:00 PM

10:30 PM

11:00 PM

6:00 AM

Time To

2:00 PM

9:00 PM

1:00 AM

5:00 AM

6:00 AM

Depth At 06:00: 2614

Estimated Total Depth:

7220

Morning Operations: DRILLING 8 3/4" HOLE

Description

SERVICE RIG

DRLG F/ 1221' TO 1791'

DRLG F/ 1791' TO 2108'

Remarks:

DSLTA: 363 DAYS

WEATHER: COOL & CLEAR

BOILER: 24 HRS

SAFETY MEETINGS: FORKLIFT SAFETY & TRAINING

ON IRON ROUGHNECK.

TOTAL WATER: 5940 BBLS.

**TUBULARS ON LOCATION:** 

(3) 8" DC'S

(6) 6.5" DC'S

(41) JTS. 4.5" SHWDP-KNIGHT OIL TOOL

(343) JTS: 4.5" 16.60 XH G-105 DP

MOTORS ON LOCATION:

HUNTING 8" .11 RPG S/N 8026 (14 HRS.) (2) 6.25" ESXII .16 RPG S/N 6100 & 6212

(1) 6.25" BICO P50XL .17 RPG S/N F 21

Estimated Total Depth:

(1) 6.25" BICO P50XL .17 RPG S/N E 16 (21.5 HRS.)

FUEL DELIVERED: 4500 GALS **FUEL ON HAND: 4588 GALS** 

Well: Prickly Pear State #9-16-12-15

API#: 43-007-31240

Operations Date: 1/2/2007

Report #:

Surface Location: NESE-16-12S-15 E 26th PM

Area: West Tavaputs

10311

48

7220

Spud Date: 12/30/2006

Description

VALVE & LINE

COMPOUND

Days From Spud:

NIPPLE UP BOP, ROTATING HEAD KILL LINE VALVE & CHOKE

LINE, UPPER & LOWER KELLYVALVES, FLOOR VALVE, CHOKE

MANIFOLD LOW 250 PSI--BLIND & PIPE RAMS, ANNULAR, KILL

MANIFOLD HIGH 3000 PSI-- ANNULAR & CASING TO 1500 PSI

FINISHED FLOW LINE NIPPLE UP, INSTALLED SCAFFOLDING

AROUND BOP'S & CHANGED MILKY OIL OUT OF DRAWORKS &

SEVERAL LEAKS ON CHOKE & KILL LINE VALVES, CHOKE LINE,

TEST BLIND & PIPE RAMS, ANNULAR, CHOKE LINE, KILL

LINE, UPPER & LOWER KELLY, FLOOR VALVE & CHOKE

PIPE RAMS) EVERY THING FINALLY TESTED OK CHOKE

DRLG F/ 2108' TO 2614' ( SPR # 1 PUMP-54 SPM- 100 PSI - @

Depth At 06:00:

Morning Operations: DRILLING 8 3/4" HOLE ,FLOAT & GUIDE SHOE

Remarks:

**DSLTA: 362 DAYS** 

WEATHER: COOL & CLEAR

BOILER: 24 HRS.

SAFETY MEETINGS : NIPPLING UP BOP'S & PRESSURE

TESTING.

WATER HAULED: 740 BBLS. 100 BBLS TO BOILER

200 BBLS TO RIG TANK 440 TO RESERVE PIT

TOTAL WATER: 5940 BBLS. **TUBULARS ON LOCATION:** 

(3) 8" DC'S (6) 6.5 " DC'S

(41) 4.5" SHWDP-KNIGHT OIL TOOL (343) JTS. 4.5" 16.60 XH G-105 DP

INSTALL WEAR RING, MAKE UP BIT & MOTOR TRIP IN

HOLE INSTALL ROTATING RUBBER

MANIFOLD METHANOLED UP

TAG @ 999 DRLG OUT FLOAT COLLAR & GUIDE SHOE

MOTORS ON LOCATION:

HUNTING 8" .11 RPG S/N 8026 (14 HRS) (2) 6.25" ESXII .16 RPG S/N 6100 & 6212 (2) 6.25" BICO P-50XL .17 RPG S/N F 21 & E 16

FUEL ON HAND: 2867 GALS. FUEL USED: 1291 GALS.



Well: Prickly Pear State #9-16-12-15

API#: 43-007-31240

Operations Date: 1/1/2007

Surface Location: NESE-16-12S-15 E 26th PM

Report #:

Spud Date: 12/30/2006

Area: West Tavaputs

Depth At 06:00:

1040

Morning Operations: NIPPLING UP BOP & CHOKE MANIFOLD

Days From Spud:

Estimated Total Depth:

7220

Description

DSLTA:361 DAYS

Remarks:

WEATHER: COOL & CLEAR

BOILER: 24 HRS.

SAFETY MEETINGS : RUNNING CSNG. & CEMENTING &

NIPPLE UP BOP'S

WATER HAULED TO RESERVE PIT: 900 BBLS.

TOTAL WATER: 5200 BBLS.

11:30 AM 12:30 PM

Time To

7:00 AM

9:30 AM

RUN 24 JTS. 36# J55 ST&C CASING W/ GUIDE SHOE,LOCK

RING, FLOAT COLLAR & 8 CENTRALIZERS TO 1040' (TAGGED

4:00 PM

CIRC. CASING PUMPED 2 HI-VIS SWEEPS W/ LCM - RIG DOWN

CASERS & RIG UP HALLIBURTON

PUMP SWEEP & CIRC OUT WELL

TRIP OUT OF HOLE TO RUN 9 5/8" CSNG

LAYDOOWN 8" TOOLS & RIG UP CASERS

HELD SAFETY MEETING W/ ALL CREW MEMBERS-6:00 PM

CEMENT-SPACER 20 BBLS GEL-TYPE 5 , 65% CEMENT,35% POZ,6% GEL,2% CALCIUM CHLORIDE,125# SK POLY E FLAKE 240 SACKS,12.70 LB/GAL ,1.85 YIELD,9.90 GAL/SK -- TYPE G ,2% CALCIUM CHLORIDE,125# SK POLY E FLAKE, 180 SACKS,15.80 LB/GAL,1.15 YIELD,4.97 GAL/SK, DISPLACEMENT 8.5# ,TYPE WBM- LAND PLUG 460 PSI OVER, 22 BBLS CEMENT BACK ( CEMENT FELL 36'- TOP JOB 4 BBLS HELD) RIG CEMENTERS

**DOWN** 

4:00 AM

CUT OFF CONDUCTOR & 9 5/8" CSNG - WELD ON QDF

WELLHEAD ADAPTER & NIPPLE UP BOP'S & CHOKE

MANIFOLD-NIPPLE DOWN BOP WELLHEAD TO HIGH TO STACK

BOP UP

5:00 AM

CUT 3 " OFF 9 5/8" CSNG & WELD ON NEW HEAD

6:00 AM

NIPPLE UP BOP'S ROTATING HEAD FITS ON TOP OF ANNULAR

**NOW & CLEARS ROTARY BEAM** 

**TUBULARS ON LOCATION:** 

(3) 8" DC'S

(6) 6.5" DC'S

(41) JTS. 4.5" SHWDP-KNIGHT OIL TOOL

(343) JTS. 4.5" 16.60 XH G-105 DP

MOTORS ON LOCATION:

HUNTING 8" .11 RPG S/N 8026 (14 HRS) (2) 6.25" ESXII .16 RPG S/N 6100 & 6212 (2) 6.25" BICO P-50XL .17 RPG S/N F21 & E16

FUEL ON HAND: 4158 GALS.

FUEL USED: 1290 GALS.

### STATE OF UTAH

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL. GAS AND MINING

### **BBC** CONFIDENTIAL

DIVISION OF OIL, GAS AND MINING	5. LEASE DESIGNATION AND SERIAL NUMBER ML 46708
SUNDRY NOTICES AND REPORTS ON WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	7. UNIT OF CA AGREEMENT NAME: Prickly Pear Unit
1. TYPE OF WELL OIL WELL GAS WELL OTHER	8. WELL NAME and NUMBER: Prickly Pear Unit State 9-16
2. NAME OF OPERATOR: BILL BARRETT CORPORATION	9. API NUMBER: 4300731240
3. ADDRESS OF OPERATOR 1099 18TH St. Ste230C <sub>CITY</sub> Denver STATE CO ZIP 80202 PHONE NUMBER: (303) 312-8168	10. FIELD AND POOL, OR WILDCAT: Nine Mile
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1836' FSL, 490' FEL	COUNTY: Carbon
CHAZIR, SLOHON, TOMOSTI, TOMOS	UTAH
CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPO	RT, OR OTHER DATA
TYPE OF SUBMISSION  ACIDIZE  OBEPEN  (Submit in Duplicate)  Approximate date work will start  Approximate date work will start  CASING REPAIR  CHANGE TO PREVIOUS PLANS  CHANGE TUBING  CHANGE TUBING  CHANGE WELL NAME  CHANGE WELL NAME  CHANGE WELL STATUS  COMMINGLE PRODUCING FORMATIONS  DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volun  WEEKLY DRILLING ACTIVITY REPORT FROM 01/08/2007 - 01/11/2007.	REPERFORATE CURRENT FORMATION  SIDETRACK TO REPAIR WELL  TEMPORARILY ABANDON  TUBING REPAIR  VENT OR FLARE  WATER DISPOSAL  WATER SHUT-OFF  OTHER: Weekly Activity  Report  mes, etc.
NAME (PLEASE PRINT) Matt Barber  SIGNATURE M. Buller  DATE Permit Analyst  1/19/2007	

**RECEIVED** JAN 2 6 2007

(This space for State use only)

Days From Spud:

12



Well: Prickly Pear State #9-16-12-15

API#: 43-007-31240

Operations Date: 1/11/2007

Surface Location: NESE-16-12S-15 E 26th PM

Report #: Area: West Tavaputs

57

7220

Spud Date: 12/30/2006

7140 Depth At 06:00:

Morning Operations: Move rig

Time To

12:30 PM

Remarks:

DSLTA: 371 DAYS.

WEATHER : Cool & Sunny...

**BOILER: 24 HRS** 

SAFETY MEETINGS : Running casing&cementing casing

Estimated Total Depth:

casing to 7128'ft. RD/Weatherford TRS casing crew 2:00 PM

RU/Halliburton Energy Services & hold safety meeting. 3:00 PM

Cement 5.5" 17# I-80 casing as follows: Pumped 1195 sks of 50/50 6:00 PM

POZ(2%

Description

Gel,3%KCL(BWOW).75%HALAD322,.2%FWCA,3#skSilicate,.125#s

RU/Weatherford TRS casing crew& run (161)jts. 5.5" 17# I-80 LT&C

k Polyflake, 1#Granulite Total cement pumped

317bbls/13.4#bbl.Displaced cement w/165bbls fresh water,landed

plug @17:30 w/2300psi.Went 500psi over to test

floats@2800psi.Floats held.RD/HES

10:00 PM ND/BOP's & PU/BOP's to set casing slips.

Set 5.5"casing slips w/ 82K @ 22:00 hrs-Released rig @ 23:00 hrs. 11:00°PM

Days From Spud:

Rig down and prepare rig to move. 6:00 AM

TUBULARS ON LOCATION :..... (3) 8"DC'S

(6) 6.5" DC'S (41) JTS. 4.5" SHWDP-KNIGHT OIL TOOL .....

(343) JTS. 4.5" 16.60 XH G-105 DP

DESANDER / DESILTER: OFF

**CENTRIFUGE:OFF** 

RESERVE PIT WATER: 8.8 LB/GAL

MOTORS ON LOCATION :.

8" HUNTING .11 RPG S/N 8026 (14 HRS.)

(1) 6.25" ESXII .16RPG S/N 6100

(1) 6.25" BICO P50XL .17 RPG S/N F 21 (1) 6.25" BICO P50XL .17 RPG S/N E 16 (90.50HR)

(1) 6.25" ESXII .16 RPG S/N 6212 ( 42 HRS)

FUEL ON HAND: 3154GALS. FUEL USED: 1004 GALS.

Well: Prickly Pear State #9-16-12-15

API#: 43-007-31240

Operations Date: 1/10/2007

Surface Location: NESE-16-12S-15 E 26th PM

Area: West Tavaputs

Report #: 56

Spud Date: 12/30/2006

11

Depth At 06:00:

7140 7220

Morning Operations: Cementing

Description Time To

Finish L/D Drill collars,MM,&Pull wear bushing. 7:00 AM

R/U Halliburton Loggging Services, Sonic tool failed-x/o tool, Log 2:30 PM

well-Logs to bottom @ 10:35am,RD Loggers

Lubricate rig 3:00 PM

TIH-P/U 7 jts DP to replace 6.5"DC's&MM. 9:00 PM

Circulate B/U & drop vis back to 40/42 sec/qt 11:00 PM

R/U Weatherford TRS-LDDP,SWDP,bit sub & bit 5:00 AM

R/U Weatherford TRS Casing crews to run casing. 6:00 AM

Remarks:

DSLTA: 370 DAYS... WEATHER: Balmy

BOILER: 24 HRS.

SAFETY MEETINGS :Logging tools&Laying down DC.

Estimated Total Depth:

**TUBULARS ON LOCATION:** 

(3) 8"DC'S

(6) 6.5" DC'S

(41) JTS. 4.5" SHWDP-KNIGHT OIL TOOL

(343) JTS. 4.5" 16.60 XH G-105 DP

DESANDER / DESILTER : OFF

**CENTRIFUGE:OFF** 

RESERVE PIT WATER: 8.8 LB/GAL

MOTORS ON LOCATION:

8" HUNTING .11 RPG S/N 8026 (14 HRS.)

(1) 6.25" ESXII .16RPG S/N 6100

(1) 6.25" BICO P50XL .17 RPG S/N F 21

(1) 6.25" BICO P50XL .17 RPG S/N E 16 (90.50HR)

(1) 6.25" ESXII .16 RPG S/N 6212 ( 42 HRS)

FUEL ON HAND: 4158 GALS. FUEL USED: 1434 GALS.

Days From Spud:



Well: Prickly Pear State #9-16-12-15

API#: 43-007-31240

Operations Date: 1/9/2007

Surface Location: NESE-16-12S-15 E 26th PM

Time To

11:30 AM

5:00 PM

5:30 PM

8:00 PM

9:30 PM

11:00 PM

1:00 AM

5:30 AM

6:00 AM

Drill actual f/6646'ft to 6981'ft (67 ROP)

Drill actual f/ 6981' ft to 7140'ft-TD well

Pump hi vis sweep & circulate hole clean

Short trip 8 stands-Function Crown-O-Matic.

Circulate & raise viscosity to 55/60 for Logs

Drop survey & POOH to 6.5"DC.(SLM)

Report #:

Spud Date: 12/30/2006

Description

TIH w/bit #4

Lubricate rig

Area: West Tavaputs

10

Depth At 06:00:

7140 7220

Morning Operations : Logging Well

Remarks:

**DSLTA: 369 DAYS..** 

WEATHER: WINDY & COLD

BOILER: 24 HRS

SAFETY MEETINGS :Pipe Spinners/Iron Roughneck

Estimated Total Depth:

& TOOH-Derrickman tied off on board.

TUBULARS ON LOCATION:

(3) 8"DC'S

(6) 6.5" DC'S

(41) JTS. 4.5" SHWDP-KNIGHT OIL TOOL

(343) JTS. 4.5" 16.60 XH G-105 DP

DESANDER / DESILTER : OFF

CENTRIFUGE :OFF

RESERVE PIT WATER: 8.8 LB/GAL

MOTORS ON LOCATION:

8" HUNTING .11 RPG S/N 8026 (14 HRS.)

(1) 6.25" ESXII .16RPG S/N 6100

(1) 6.25" BICO P50XL .17 RPG S/N F 21

(1) 6.25" BICO P50XL .17 RPG S/N E 16 (90.50HR)

(1) 6.25" ESXII .16 RPG S/N 6212 ( 42 HRS)

FUEL ON HAND: 2724 GALS. FUEL USED: 1724 GALS.

Well: Prickly Pear State #9-16-12-15

API#: 43-007-31240

Operations Date: 1/8/2007

Surface Location: NESE-16-12S-15 E 26th PM

Laydown (6) 6.5" DC

Area: West Tavaputs

Report #:

Spud Date: 12/30/2006

9

6646 Depth At 06:00:

Morning Operations: TRIPPING FOR BIT

Estimated Total Depth:

7220

Description Time To

1:30 PM

DRLG 7 7/8" PROD HOLE F/ 6285' TO 6475'

Days From Spud:

2:00 PM

SERVICE RIG

2:00 AM

DRLG 7 7/8" HOLE F/ 6475' TO 6646'

5:30 AM

PUMP PILL & TRIP OUT FOR BIT

6:00 AM

CHANGE OUT BIT & TRIP IN HOLE

Remarks: DSLTA: 368 DAYS

WEATHER: WINDY & COLD

BOILER: 24 HRS.

SAFETY MEETINGS : METHANOL IN AIR SYSTEM &

PROPER LABELS ON ALL CHEMICALS.

TUBULARS ON LOCATION:

(3) 8"DC'S

(6) 6.5" DC'S

(41) JTS. 4.5" SHWDP-KNIGHT OIL TOOL

(343) JTS. 4.5" 16.60 XH G-105 DP

DESANDER / DESILTER : ON

CENTRIFUGE :ON DISCHARGE = 15.3 LB/GAL

RESERVE PIT WATER: 8.8 LB/GAL

MOTORS ON LOCATION :

8" HUNTING .11 RPG S/N 8026 (14 HRS.)

(1) 6.25" ESXII .16RPG S/N 6100

(1) 6.25" BICO P50XL .17 RPG S/N F 21

(1) 6.25" BICO P50XL .17 RPG S/N E 16 (90.50HR)

(1) 6.25" ESXII .16 RPG S/N 6212 ( 34 HRS)

FUEL ON HAND: 4444 GALS. FUEL USED :2008 GALS.

### **STATE OF UTAH**

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DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS  The case the tom for proposale or differential performance interpretable departs and state that performance in the performance i	ı	5. LEASE DESIGNATION AND SERIAL NUMBER: ML 46708								
TYPE OF NELL OLD WELL OLD WELL OS SWELL OF SHEAT TO SHEAT PLANT TO	CHAIDDV MATICES AND DEDADTS AN WELLS									
2. VAME OF CHEATOR  2. VAME OF CHEATOR  BILL BARRETT CORPORATION  3. ADDRESS OF CHEATOR  4. LOCATION OF WELL  1. COLINTY. Carbon  1. FIELD AND POOL, OR WILLOCAT  COLINTY. CARBON  5. TATE  1. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA  1. TYPE OF SUBMISSION  1. TYPE OF SUBMISSION  1. ADDRESS OF CHEATOR  ADDRESS OF CHEATOR  CREATOR CHEATOR  CASING REPAIR  CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA  TYPE OF ACTION  TO PROCEED OF NOTICE  1. CHECK APPROPRIATE BOXES TO INDICATE NATURE THEAT  1. CHECK APPROPRIATE BOXES TO INDICATE NATURE THEAT  1. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA  TYPE OF ACTION  1. ADDRESS OF CHEATOR  CREATOR CHARGE  1. CHECK APPROPRIATE COLOR  ADDRESS OF CHECK CHEC	Do not use this form for proposals to drill ne	Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.								
BILL BARRETT CORPORATION  3. ADDRESS OF OPERATOR  10.99 18TH St. Ste230C <sub>CLTV</sub> Denver  10.99 18TH St. Ste230C <sub>CLTV</sub> Denver  10.99 18TH St. Ste230C <sub>CLTV</sub> Denver  10.90 18TH St. Ste230C <sub>CLTV</sub> Carbon  10.90 18TH St. Ste230C <sub>CLTV</sub> Carbon	1. TYPE OF WELL OIL WELL	GAS WELL 🗹 OTHER								
A ADDRESS OF OPERATOR  1099 18TH St. S16230C <sub>LIT</sub> , Denver  STATE CO <sub>218</sub> 80202 (303) 312-8168 Nine Mile  1097 18TH St. S16230C <sub>LIT</sub> , Denver  STATE CO <sub>218</sub> 80202 (303) 312-8168 Nine Mile  1097 18TH St. S16230C <sub>LIT</sub> , Denver  STATE COMING WELL  PROTAGES AT SURFACE 1836' FSL, 490' FEL  COUNTY Carbon  11 CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA  TYPE OF SUBMISSION  TYPE OF SUBMISSION  TYPE OF SUBMISSION  OF PRACTURE TREAT  SUBGRESS OF OPERATOR COUNTRY TORNATOR  ADDICED INTENT  SUBMISSION  ACTION  ADDICED OF INTENT  CASING REPAR  ADDICED OF INTENT  CASING REPARA  ADDICED OF INTENT  CASING REPAR  ADDICED OF INTENT  CASING REPAR  ADDICED OF INTENT  CASING	2. NAME OF OPERATOR:			9. API NUMBER:						
1099 18TH St. Ste230C <sub>CIT</sub> , Denver STATE CO 2D 80202 (303) 312-8168 Nine Mile  1 LOCATION OF WELL  PROTAGES AT SURFACE 1836' FSL, 490' FEL.  COUNTY. Carbon  TYPE OF ACTION.  11 CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA  TYPE OF ACTION.  NOTICE OF INTENT PROBINSION  NOTICE OF INTENT PROBING TO REPORT OF COMMENT FORMATION Approximate dute work will suit.  Approximate dute work will suit.  Approximate dute work will suit.  CHANGE TO REPORT.  CHANGE TO R		ATION								
TOTAGES AT SUBFACE 1836' FSL, 490' FEL  COUNTY Carbon  GRADIES STATE  UTAH  11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA  TYPE OF SUBMISSION    ACIDIZE		Denver STATE CO ZIP 80202	•							
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TYPE OF SUBMISSION  ACIDIZE  A	QTR/QTR, SECTION, TOWNSHIP, RANG	3E, MERIDIAN: NESE 16 12S 15E								
NOTICE OF INTENT   ACIDIZE   DEEPEN   REPERFORATE CURRENT FORMATION	11. CHECK APPR	OPRIATE BOXES TO INDICATE NATU	JRE OF NOTICE, REPO	RT, OR OTHER DATA						
AUTRIC OF INTERT   COUNTY TO DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.    NOTICE OF INTERT   ALTER CASING   FRACTURE TREAT   SIDETRACK TO REPAIR WELL TABLE   Approximate date work will start   CASING REPAIR   NEW CONSTRUCTION   TEMPORARILY ABANDON   TEMPORARILY ABANDON   VENT OR FLARE   CHANGE TUBINO   PLUG AND ABANDON   VENT OR FLARE   CHANGE TUBINO   PLUG AND ABANDON   VENT OR FLARE   WATER DISPOSAL   WATER DISPOSAL   WATER SHUT-OFF   COMMINGLE PRODUCING FORMATIONS   RECLAMATION OF WELL SITE   OTHER. Weekly Activity   Report    12 DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.  WEEKLY COMPLETION ACTIVITY REPORT FROM 02/14/2007 - 02/18/2007.    MAIT Barber   TITLE   Permit Analyst	TYPE OF SUBMISSION		TYPE OF ACTION							
AJER CASING   FACTURE TREAT   SIDETRACK TO REPAIR WELL APPROXIMATE date work will start   CASING REPAIR   NEW CONSTRUCTION   TEMPORARILY ABANDON   TEMPORARILY ABANDON   TEMPORARILY ABANDON   TEMPORARILY ABANDON   TEMPORARILY ABANDON   TUBING REPAIR   T	NOTICE OF INTENT	ACIDIZE DEE	PEN	REPERFORATE CURRENT FORMATION						
SUBSECUENT REPORT   CHANGE TO PREVIOUS PLANS   OPERATOR CHANGE   TUBING REPAIR   CHANGE TUBING REPAIR   CHANGE TUBING REPAIR   CHANGE WELL NAME   PLUG BACK   WATER DISPOSAL   CHANGE WELL STATUS   PRODUCTION (START/RESUME)   WATER SHUT-OFF   COMMINGLE PRODUCING FORMATIONS   RECLAMATION OF WELL SITE   COMMINGLE PRODUCING FORMATIONS   RECLAMATION OF WELL SITE   Weekly Activity   Report    12 DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.  WEEKLY COMPLETION ACTIVITY REPORT FROM 02/14/2007 - 02/18/2007.  NAME (PLEASE PRINT) MALT Barber   TITLE   Permit Analyst   P		ALTER CASING FRA	CTURE TREAT	SIDETRACK TO REPAIR WELL						
CHANGE TUBING PLUG AND ABANDON VENT OR FLARE  SUBSEQUENT REPORT  (Submit Original Form Origin)  Date of work competion  COMMINGLE PRODUCING FORMATIONS  RECLAMATION OF WELL STRE  CONVERT WELL TYPE  DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc  WEEKLY COMPLETION ACTIVITY REPORT FROM 02/14/2007 - 02/18/2007.  ITILE  Permit Analyst  Matt Barber  TITLE  Permit Analyst	Approximate date work will start	CASING REPAIR NEW	CONSTRUCTION	TEMPORARILY ABANDON						
SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion    CHANGE WELL NAME   PRODUCTION (START/RESUME)   WATER SHUT-OFF		CHANGE TO PREVIOUS PLANS OPE	RATOR CHANGE	TUBING REPAIR						
CHANGE WELL STATUS   PRODUCTION (START/RESUME)   WATER SHUT-OFF   COMMINGLE PRODUCING FORMATIONS   RECLAMATION OF WELL SITE   OTHER. Weekly Activity   Report		CHANGE TUBING PLU	G AND ABANDON	VENT OR FLARE						
Date of work completion.    CHANGE WELL STATUS   PRODUCTION (STARTRESUME)   WATER SHUT-OFF   COMMISCLE PRODUCTION FORMATION   RECLAMATION OF WELL SITE   OTHER Weekly Activity   Report		CHANGE WELL NAME PLU	G BACK	WATER DISPOSAL						
COMMINGLE PRODUCING FORMATION OF WELL STE CONVERT WELL TYPE RECOMPLETE - DIFFERENT FORMATION  12 DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.  WEEKLY COMPLETION ACTIVITY REPORT FROM 02/14/2007 - 02/18/2007.  NAME (PLEASE PRINT) Matt Barber TITLE Permit Analyst		CHANGE WELL STATUS PRO	DUCTION (START/RESUME)	WATER SHUT-OFF						
DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc  WEEKLY COMPLETION ACTIVITY REPORT FROM 02/14/2007 - 02/18/2007.  NAME (PLEASE PRINT) Matt Barber  TITLE Permit Analyst	Date of work completion:	COMMINGLE PRODUCING FORMATIONS REC	LAMATION OF WELL SITE							
WEEKLY COMPLETION ACTIVITY REPORT FROM 02/14/2007 - 02/18/2007.  NAME (PLEASE PRINT) Matt Barber TITLE Permit Analyst		CONVERT WELL TYPE REC	OMPLETE - DIFFERENT FORMATION	Report						
NAME (PLEASE PRINT)				es, etc.						
	NAME (PLEASE PRINT) Matt Barbe	er	TITLE Permit Analyst							
		1	DATE 2/22/2007							

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5



Well Name: Prickly Pear State #9-16-12-15

API: 43-007-31240

Area: West Tavaputs

Ops Date: 2/18/2007

Report #:

End Time

Description

Summary: Sl. load CO2 Vessels.

11:00 PM

Shut in

Well Name: Prickly Pear State #9-16-12-15

API: 43-007-31240

Area: West Tavaputs

Ops Date: 2/17/2007

**End Time** 

Description

Summary: SI. RU Black Warrior El. Perforate Stage

6:00 AM

SI.

1 Price River, POOH SI, MIRU HES frac

7:00 AM

Rig up Black Warrior El.

8:30 AM

BWWC EL stage 1 Price River. PU 30 ft. of perf guns. RIH correlate to short jt. run to depth tag drilling mud @ 6954. had to work guns down to perf depth @ 6964. Perforate Price River @ 6964-6982, 1JSPF, 180 phasing, 23 gram charge, .560 holes. POOH

9:00 AM

Shut in

4:00 PM

MIRU HES frac equipment

Well Name: Prickly Pear State #9-16-12-15

API: 43-007-31240

Area: West Tavaputs

Area: West Tavaputs

Area: West Tavaputs

Ops Date: 2/16/2007

Report #:

Report #:

Report #:

3 **End Time** 

Description

Summary: SI. Set Frac tanks & start loading with

KCI fluid. Load Co2 Vessels

7:00 AM

SI.

5:00 PM

MI set frac tanks QTY: 8 start loading with KCL water

11:59 PM

Load CO2 Vessels

Well Name: Prickly Pear State #9-16-12-15

API: 43-007-31240

Ops Date: 2/15/2007

**End Time** 

Description

Summary: SI, MI set CO2 Vessels. Set frac tree &

test

MI CO2 Vessels, set Wellhead Inc.frac tree and test

Well Name: Prickly Pear State #9-16-12-15

Ops Date: 2/14/2007

Description

API: 43-007-31240

Summary: BWWC Bond Log Casing.

End Time 2:00 PM

Black Warrior Ran Cement Bond Log/ Gamma Ray / Junk Basket

Cement top 850 ft.

### STATE OF UTAH

DEPARTMENT OF NATURAL RESOURCES

BB				
CO	NFI	DEN	ITIA	L

CONFIDENTIAL

DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS AND MINING	5. LEASE DESIGNATION AND SERIAL NUMBER ML 46708	
SUNDRY NOTICES AND REPORTS ON WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:	
	7. UNIT or CA AGREEMENT NAME:	
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	Prickly Pear Unit  8. WELL NAME and NUMBER.	
1 TYPE OF WELL OIL WELL GAS WELL OTHER	Prickly Pear Unit State 9-16-12-15	
2. NAME OF OPERATOR: BILL BARRETT CORPORATION	4300731240	
3 ADDRESS OF OPERATOR: 20000	10. FIELD AND POOL, OR WILDCAT: Nine Mile	
3. ADDRESS OF OPERATOR: 1099 18TH St. Ste230C <sub>CITY</sub> Denver 4. LOCATION OF WELL (303) 312-8168		
FOOTAGES AT SURFACE: 1836' FSL, 490' FEL	COUNTY: Carbon	
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NESE 16 12S 15E	STATE: UTAH	
CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPO	ORT, OR OTHER DATA	
TYPE OF SUBMISSION TYPE OF ACTION	REPERFORATE CURRENT FORMATION	
ACIDIZE DEEPEN	SIDETRACK TO REPAIR WELL	
(Submit in Duplicate)  ALTER CASING	TEMPORARILY ABANDON	
Approximate date work will start.	TUBING REPAIR	
CHANGE TO PREVIOUS FORMS	VENT OR FLARE	
CHANGE TOBING  PI LIG BACK	WATER DISPOSAL	
SUBSEQUENT REPORT (Submit Original Form Only)  CHANGE WELL NAME  PRODUCTION (START/RESUME)	WATER SHUT-OFF	
Date of work completion:  CHANGE WELL STATUS  CHANGE WELL STATUS  RECLAMATION OF WELL SITE	<b>✓</b> OTHER: Weekly Activity	
COMMINGEL TROBUSTION RECOMPLETE - DIFFERENT FORMATION	Report	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volu	imes, etc.	
WEEKLY COMPLETION ACTIVITY REPORT FROM 02/19/2007 - 02/25/2007.		
NAME (PLEASE PRINT) Matt Barber TITLE Permit Analyst	L	
$M + L $ DATE $\frac{3/6/2007}{}$		
SIGNATURE 1/1/24 199		

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**RECEIVED** MAR 0 8 2007



Well Name: Prickly Pear State #9-16-12-15

API: 43-007-31240

Area: West Tavaputs

Ops Date: 2/19/2007

Report #:

**End Time** 

Description

Summary: SCP: 0 Frac stage 1. El stage 2. Frac

#2. EL stage 3, frac #3. Flow stages 1-3

6:00 AM

SICP: 0

8:00 AM 9:10 AM

Wait on Halliburton Crew. Had Vehicle problems.

HES frac Stage 1 Price River. Load &b Break @ 5,084 @ 5 BPM. Avg> Wellhead Rate: 33.18 BPM. Avg. Slurry Rate: 14.22 BPM. Avg. CO2 Rate: 18.19 BPM. Avg. Pressure: 4,842 PSI. Max. Wellhead Rate: 35.76 BM. Max. Slurry Rate: 18.03 BPM. Max. CO2 Rate: 22.53 BPM. Max. Pressure: 5,361 PSI. Total Fluid pumped: 21,065 Gal. Total Sands in Formation: 84,200 lb. (20/40 White Sand) CO2 Downhole: 126 tons. CO2 Cooldown: 11 tons. ISIP: 3,472 PSI. Frac Gradient: 0.93 psi/ft. Successfully flushed wellbore with 50Q foam 50 bbl over flush with 500 gal. fluid cap. Had a set point problem going from 2# sand to 3#, sand dropped to 1.35 #

before going up to 3#.

10:15 AM

BWWC. El stage 2 Price River. PU HES CFP with 10 ft. perf guns. RIH correlate to short jt. run to setting depth set CFP @ 6870 ftl PU perforate @ 6824-6834, 2JSPF, 180 phasing, 23 gram charge, 560

holes. POOH turn well over to frac.

11:20 AM

HES Frac stage 2 Price River 70Q foam Frac. Load Break @5,817 PSI @ 15BPM. Avg. Wellhead Rate: BPM. Avg. Slurry Rate: BPM. Avg. CO2 Rate: BPM. Avg. Pressure: PSI. Max. Wellhead Rate: BPM. Max. Wellhead Rate: BPM. Max. Slurry Rate: BPM. Max. CO2 Rate: BPM. Max. Pressure: PSI. Total Fluid Pumped: Gal. Total sand in Formation: Ib. (20/40 White Sand) CO2 Downhole: tons. CO2 Cooldown: tons. ISIP: 3,802 PSI. Frac Gradient: psi/ft. Successfully flushed wellbore with 50Q foam 50 bbl over flush with

500 gal. fluid cap.

1:40 PM

BWWC EL stage 3 Price River. PU HES CFP with 10 ft. of perf guns. RIH correlate to short jt. Lost ft. counter on EL truck had to change out. Correlate to short jt. ran to setting depth set CFP @ 6770 FT. PU perforate @ 6699-6705 & 6661-6665 , 2JSPF, 180 phasing, 23 gram charge, .560 holes. POOH turn well over to frac

3:00 PM

HES frac stage 3 Price River 70Q foam frac. Load & Break @5,672 PSI @12 BPM. Avg. Wellhead Rate:32.94 BPM. Avg. Slurry Rate:14.15 BPM. Avg. CO2 Rate:18.07 BPM. Avg. Pressure:5,147 PSI. Max. Wellhead Rate:35.9 BPM. Max. Slurry Rate: 18.39BPM. Max. Co2 Rate:21.94 BPM. Max. Pressure:5,540 PSI. Total Fluid Pumped: 22,234Gal. Total Sand in Formation:84,200 lb. (20/40 White Sand) CO2 Downhole:124 tons. CO2 Cooldown:10 tons. ISIP:3,686 PSI. Frac Gradient:0.99 psi/ft. Successflly flushed wellbore with 50Q foam 50 bbl over flush with 500 gal. fluid cap. Had problems with CO2 pump holding rate.

4:00 PM

Shut in

11:59 PM

Flow stages 1-3 FCP: 3,300 psi on 20 ck.



Well Name: Prickly Pear State #9-16-12-15

API: 43-007-31240

Area: West Tavaputs

Ops Date: 2/21/2007

Report #:

**End Time** 

Description

Summary: Shut in. EL Stage 4. Frac #4. Screened out Dark Canyon Frac. Flow back stages

6:00 AM 8:30 AM SICP: 1000 psi in 24 hrs. stages 1-3

BWWC EL stage 4 Dark Canyon. PU HES CFP with 30 ft. perf guns. RIH correlate to short jt. run to setting depth set CFP @ 6600 ft. PU perforate D. C. @ 6534-6554 & 6514-6524, 1JSPF, 180 phasing, 23 gram charge, .560 holes. POOH turn well over to frac.

9:20 AM

HES Frac Dark Canyon 70Q foam frac. Load & Break @5,208 PSI. @14.6 BPM. Avg. Wellhead Rate:21.58 BPM. Avg. Slurry Rate: 9.62 BPM. Avg. CO2 Rate: 11.51 BPM. Avg. Pressure: 5,119PSI. Max. Wellhead Rate:34,07 BPM. Max. Slurry Rate:19.44 BPM. Max. CO2 Rate:21.86 BPM. Max. Pressure:6.014 PSI. Total Fluid Pumped: 18,857 Gal. Total sand Pumped: 43,147 lbs. Total Sand in Formation:32,711 lb. Total sand left in wellbore:7,764 lb. total of 835 ft. Placed 25% of designed proppant. (20/40 White Sand) CO2 Downhole: tons. CO2 Cooldown:106 tons. ISIP:5,200 PSI. Frac Gradient: 1.23psi/ft. Cut sand & CO2 try to flush wellbore with KCL water had no success. Had problems getting LGC lined

out.

9:20 AM

Flow stages 1-4 FCP: 4870 on 24 ck. up chokes as needed to flow

sand from wellbore. heavy sand at times to light sand.

3:00 PM

Flow stages 1-4 FCP: 50 psi light mist. to dry flow

11:59 PM

Shut in

Well Name: Prickly Pear State #9-16-12-15

API: 43-007-31240

Area: West Tavaputs

Ops Date: 2/20/2007

Report #:

**End Time** 

Description

Summary: Flow stages 1-3. SI. EL gauge ring.

wellbore clean. POOH with El shut in

1:00 AM

Flow stages 1-3 FCP: 610 psi on 48 ck. recovered 303 bbl in 9.5

hours 31.89 hours CO2 high, 2,169 bbl left to recover.

1:45 AM

Flow stages 1-3 FCP dropped from 610 psi to 295 psi.in 30 mins.

on 48 ck.

9:00 AM

Shut in wellbore.

11:30 AM

Rig Black Warrior. EL 4.65" gauge ring with weight bars RIH check wellbore for sand. clean down to 6550 good for stage 4 perf & frac.

POOH lay down tools. SICP:960 psi.

11:59 PM

Shut in



API: 43-007-31240 Area: West Tavaputs Well Name: Prickly Pear State #9-16-12-15

Ops Date: 2/22/2007

Report #: **End Time**  Description

Summary: SI. EL stage 5, Frac #5. EL stage 6. Frac

6:00 AM 7:25 AM SICP: 760 psi.

#6.EL stage 7, No good break, Reperf #7 Frac #7. Flow stages 1-7

Black Warrior El stage 5 Dark Canyon. PU HES CFP with 30 ft. perf guns. RIH correlate to short jt. run to setting depth set CFP @ 6340 ft. PU Perforate Dark Canyon @ 6271-6301, 1jspf, 180 phasing, 23

gram charge, .560 holes. POOH turn well over to frac.

8:25 AM

HES farc stage 5 Dark Canyon 70Q foam frac. Load & Break @ 6,144 psi @ 14.8PM. Pump trucks didnt kickout at 5950 psi. Avg Wellhead Rate:21.19 BPM. Avg. Slurry Rate: 9.55 BPM. Avg. CO2 Rate:11.07 BPM. Avg. Pressure: 3,792 PSI. Max. Wellhead Rate:38.22 BPM. Max. Slurry Rate:15.14 BPM. Max. Co2 Rate:22,18 BPM. Max. Pressure:6,144 PSI. Total Fluid Pumped:22,538 Gal. Total Sand in Formation:83,957 lb. (20/40 White Sand) CO2 Downhole:119 tons. CO2 Cooldown:8 tons. ISIP:3,462 PSI. Frac Gradient:0.99 psi/ft. Successfully flushed wellbore with 50Q foam 50 bbl over flush with 500 gal. fluid cap.

10:00 AM

BWWC EL stage 6 North Horn. PU HES CFP with 10 ft. perf guns. RIH correlate to short jt. run to setting depth set CFP @ 6080 ft. PU perforate North Horn @ 6032-6042, 2 JSPF, 180 phasing, 23 gram charge, .560 holes. POOH turn well over to frac.

11:30 AM

HES frac stage 6 North Horn 70Q foam frac. Load & Break @4,429 PSI @10.1 BPM. Avg. Wellhead Rate:16.03 BPM. Avg. Slurry Rate:7.74 BPM. Avg. CO2 Rate:7.86 BPM. Avg. Pressure:3,918 PSI. Max. Wellhead Rate:34.06 BPM. Max. Slurry Rate:15.65 BPM. Max. CO2 Rate:17.75 BPM. Max. Pressure:4,429 PSI. Total Fluid Pumped: 12,533Gal. Total Sand in Formation:35,905 lb. (20/40 White Sand) CO2 Downhole:67 tons. CO2 Cooldown:7 tons. ISIP:3,631 PSI. Frac Gradient:1.04 psi/ft. Successfully flushed wellbore with 50Q foam 50 bbl over flush with 500 gal. fluid cap.

2:00 PM

BWWC EL stage 7. PU HES CFP with 10 ft. perf guns. start in hole wire strain broke on EL line. POOH lay down tools rehead EL line. PU tools RIH correlate to short jt. run to perf depth set CFP @ 5750 ft. PU perforate North Horn @ 5691-5697 & 5636-5640, 2JSPF, 180 phasing, 23 gram charge, .560 holes. POOH turn well over to frac.

2:50 PM

HES frac stage 7 North Horn 70Q foam frac. Load& small break made serveral attempts to get good break with no success.

4:30 PM

BWWC. Reperf stage 7 North Horn. @ 5636-5640 & 5691-5697 2JSPF, 180 phasing, 23 gram charge, .560 holes. POOH turn well to frac.

5:30 PM

HES frac Sage 7 North Horn 70Q foam frac. Had problems with HES pump trucks getting rates. Load & Break @ 5,287 PSI @ 12.6 BPM. Avg. Wellhead Rate:22.75 BPM. Avg. Slurry Rate:10.58 BPM. Avg. CO2 Rate:11.69 BPM. Avg. Pressure:4,691 PSI. Max. Wellhead Rate:35.53 BPM. Max. Slurry Rate:17.86 BPM. Max. CO2 Rate:25.1 BPM. Max. Pressure:6,937 PSI. Total Fluid pumped:32,146 Gal. Total Sand in Formation:115.159 lb. (20/40 White Sand) CO2 Downhole:171 tons. CO2 Cooldown:10 tons. ISIP:3,375 PSI. Frac Gradient: 1.03psi/ft. Successfully flushed wellbore with 50Q foam 50 bbl over flush with 500 gal. fluid cap.stayed in 3# sand

11:59 PM

Flow stages 1-7 FCP:2800psi on 20 ck.

10



Well Name: Prickly Pear State #9-16-12-15

API: 43-007-31240

Area: West Tavaputs

Ops Date: 2/23/2007

Report #:

**End Time** 

Description

Summary: Flow stages 1-7

6:00 AM

Flow stages 1-7 FCP: 320 psi on 48 ck. recovered 308 bbl in 12 hours avg. of 25.66 BPH. CO2 High. 4,848 BBL left to recover.

9:30 AM

flow stages 1-7

11:59 PM

Shut in dry flow 275 psi.



Well Name: Prickly Pear State #9-16-12-15 API: 43-007-31240 Area: West Tavaputs

Ops Date : 2/24/2007 Report # : 11 End Time

Summary: SI. BWWC EL stage 8. Frac #8, EL stage

9. Frac stage 9. EL stage 10. Frac stage

10. Flow stages 1-10

ime Description

Shut in 1670 psi. flowed three hours recovered 8 bbl started

flowing dry gas.

7:20 AM BWWC EL stage 8 North Horn. PU HES CFP with 10 ft. perf gun.
RIH correlate to short it. run to setting depth set CFP @ 5620 ft. PU

RIH correlate to short jt. run to setting depth set CFP @ 5620 ft. PU perforate @ 5572-5582, 2JSPF, 180 phasing, 23 gram charge, 560

holes. POOH turn well over to frac.

9:00 AM

6:00 AM

HES frac stage 8 North Horn 70Q foam Frac. Load & Break @ 5,452 PSI @ 11.1 BPM. pressure increased to max. psi. pumped 6 sacks of .25#/gal. sand to clear perfs. Avg. Wellhead Rate:14.9 BPM. Avg. Slurry Rate:7.43 BPM. Avg. CO2 Rate:7.17 BPM. Avg. Pressure:4,990 PSI. Max. Wellhead Rate: 17.68 BPM. Max. Slurry Rate: 14.43 BPM. Max. CO2 Rate: 11.31 BPM. Max. Pressure: 5,944 PSI. Total Fluid Pumped:20,659 Gal. Total Sand in Formation:43,868 lb. (20/40 White Sand) CO2 Downhole:88 tons. CO2 Cooldown:8 tons. ISIP:3,603 PSI. Frac Gradient:1.08 psi/ft. Successfully flushed wellbore with 50Q foam 50 BBL over flush with

500 gal, fluid cap.

10:00 AM

BWWC EL stage 9 North Horn. PU HES CFP with 10 ft. perf guns. RIH correlate to short joint. Run to setting depth set CFP @ 5,310 ft PU Perforate N.H. @ 5269-5271 & 5199-5205 & 5184-5186, 2JSPF, 180 phasing, 23 gram charge, .560 holes. POOH turn well over to

frac.

12:20 PM

HES Frac Stage 9 North Horn 70Q Foam Frac. Load & Break @4,987 PSI. @ 12.8BPM. Avg. Wellhead Rate:29.68 BPM. Avg. Slurry Rate:12.81 BPM. Avg. CO2 Rate:16.11 BPM. Avg. Pressure:4,148 PSI. Max. Wellhead Rate:35.1 BPM. Max. Slurry Rate: 17.6 BPM. Max. CO2 Rate:21.37 BPM. Max. Pressure:4,636 PSI. Total Fluid Pumped: 23,510 Gal. Total Sand in Formation:101,129 lb. (20/40 White Sand) CO2 Downhole:147 tons. CO2 Cooldown: 15 Tons. ISIP:3,172 PSI. Frac Gradint:1.04 psi/ft. Successfully flushed wellbore with 50Q foam 50 bbl over flush with

500 gal. fluid cap.

1:30 PM

BWWC EL stage 10. North Horn. PU HES CFP with 10 ft. perf guns. RIH correlate to short jt. run to setting depth set CFP @5130 ft. PU perforate N.H. @ 5076-5086, 2JSPF, 180 phasing 23 gram charge,

.560 holes. POOH turn well over to frac.

2:30 PM

HES frac stage 10 North Horn 70Q foam Frac. Load & Break @3,428 PSI @15.3 BPM. Avg. Wellhead Rate:14.58 BPM. Avg. Slurry Rate:6.78 BPM. Avg. CO2 Rate:7.36 BPM. Avg. Pressure:3,363 PSI. Max. Wellhead Rate:17.43 BPM. Max. Slurry

Rate:15.46 BPM. Max. CO2 Rate:11.29 BPM. Max. Pressure:3,589 PSI. Total Fluid Pumped: 12,921Gal. Total Sand in

Formation:39,925 lb. (20/40 White Sand) CO2 Downhole:71 tons. CO2 Cooldown:7 tons. ISIP:3,051 PSI. Frac Gradient:1.04 psi/ft. Successfully flushed wellbore with 50Q foam 50 bbl over flush with

500 gal. fluid cap.

11:59 PM

Flow stages 1-10 FCP: 2960 on 20/64 ck.



Well Name: Prickly Pear State #9-16-12-15 API: 43-007-31240 Area: West Tavaputs

Ops Date: 2/25/2007 Report #: 12 End Time Description

Summary: Flow stages 1-10. SI. EL stage 11. Wait 4:00 AM Flow stages 1-10 FCP: 565 on 48 ck. recovered 354 bbls in 12.5

on frac sand. Frac stage 11. EL stage 12. hours avg. of 28.32 BPH. CO2 high. 6,536 BBLs left to recover.

frac #12. RDMO HES, BWWC EL. Flow stages 1-12 6:00 AM Shut infor EL work

7:25 AM BWWC EL stage 11. PU HES CFP with 30 ft. perf guns. RIH correlate to short jt. run to setting depth set CFP @ 4960 ft. PU

perforate North Horn @ 4893-4913 & 4863-4873, 1JSPF, 180 phasing, 23 gram charge, .560 holes. POOH turn well over to frac.

8:10 AM Wait on truck with frac sand

10:00 AM Stage 11 North Horn 70Q foam frac. Load & Break @ 4,788 PSI @14.7 BPM. start coldown CO2 perf covered with sand. made 8 attempts to pump perf clear with no success. shut down flow well to

pit for 15 mins. Pump perf clean start frac. Avg. Wellhead Rate:18.65 BPM. Avg. Slurry Rate:9.22 BPM. Avg. CO2 Rate: 8.87 BPM. Avg. Pressure:3,415 PSI. Max. Wellead Rate:36.72 BPM. Max. Slurry Rate:17.84 BPM. Max. CO2 Rate:21.72 BPM. Max. Pressure:5,995 PSI. Total Fluid Pumped: 27,723 Gal. Total Sand in Formation:115,030 lb. (20/40 White Sand) CO2 Downhole:145 tons. CO2 Cooldown:10 tons. ISIP:3,043 PSI. Frac Gradient:1.06 psi/ft. Successfully flushed wellbore with 50Q foam 50 bbl over flush

wi

11:00 AM BWWC EL stage 12 North Horn. PU HES CFP with 10 ft. perf guns

RIH correlate to short jt. run to perf depth set CFP @ 4820 ft. PU perforate N.H. @ 4754-4760 & 4670-4674, 2JSPF, 180 phasing, 23

gram charge, 560 holes. POOH turn well over to frac.

12:15 PM Stage 12 North Horn. 70Q Foam Frac. Load & Break @ 4,999 PSI

ISIP: 3,083 PSI. Frac Gradient: 1.09 psi/ft. Successfully flushed wellbore with 50Q foam 50 bbl over flush with 500 gal. fluid cap.

3:00 PM Rig downHES frac equipment and Black Warrior El. Move out.

11:59 PM flow stages 1-12 FCP: 2950 psi on 20/64 ck.

### STATE OF UTAH TMENT OF NATURAL RESOURCES

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DEPARTMENT OF NATURAL RESOURCES 5. LEASE DESIGNATION AND SERIAL NUMBER: DIVISION OF OIL, GAS AND MINING ML 46708 6. IF INDIAN, ALLOTTEE OR TRIBE NAME. SUNDRY NOTICES AND REPORTS ON WELLS 7. UNIT or CA AGREEMENT NAME: Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals. Prickly Pear Unit 8. WELL NAME and NUMBER 1 TYPE OF WELL GAS WELL 🗸 **OTHER** OIL WELL Prickly Pear Unit State 9-16 - 12-15 9. API NUMBER: 2. NAME OF OPERATOR 4300731240 BILL BARRETT CORPORATION 10. FIELD AND POOL, OR WILDCAT PHONE NUMBER: 3. ADDRESS OF OPERATOR Nine Mile STATE CO ZIP 80202 (303) 312-8168 1099 18TH St. Ste230Cerry Denver 4. LOCATION OF WELL COUNTY: Carbon FOOTAGES AT SURFACE: 1836' FSL, 490' FEL 16 **12S** 15E STATE: QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NESE UTAH CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA 11. TYPE OF ACTION TYPE OF SUBMISSION REPERFORATE CURRENT FORMATION DEEPEN ACIDIZE NOTICE OF INTENT SIDETRACK TO REPAIR WELL FRACTURE TREAT ALTER CASING (Submit in Duplicate) TEMPORARILY ABANDON **NEW CONSTRUCTION** Approximate date work will start CASING REPAIR TUBING REPAIR OPERATOR CHANGE CHANGE TO PREVIOUS PLANS VENT OR FLARE PLUG AND ABANDON CHANGE TUBING WATER DISPOSAL PLUG BACK SUBSEQUENT REPORT CHANGE WELL NAME (Submit Original Form Only) WATER SHUT-OFF PRODUCTION (START/RESUME) CHANGE WELL STATUS Date of work completion: OTHER: Weekly Activity COMMINGLE PRODUCING FORMATIONS RECLAMATION OF WELL SITE Report RECOMPLETE - DIFFERENT FORMATION CONVERT WELL TYPE

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

WEEKLY COMPLETION ACTIVITY REPORT FROM 02/26/2007 - 03/01/2007.

NAME (PLEASE PRINT) Matt Barber	TITLE _	Permit Analyst
SIGNATURE MAK Bel	DATE	3/7/2007
SIGNATURE TO THE SIGNATURE		

(This space for State use only)

MAR 0 8 2007

Summary: Flow stages 1-12.Move frac tanks off loc 6:00 AM

to 11-20 loc.



Flow stages 1-12 FC P: 800 psi on 48 ck. recovered 279 bbl in 16 hours Avg. of 17.43 BPH. 7,639 bbl left to recover.

Well Name: Prickly Pear State #9-16-12-15		API: 43-007-31240		Area: West Tavaputs			
Ops Date : 2/27/2007	Report #:	14	End Time	Description			
Summary: Flow stages 1-12. MIRU Duco Black Warrior, set top kill plug. ND/NU BOPs. PU bit pumpoff nipples, and tbg. tag plug. Rig & Swivel to drill Composite plu	12. MIRU Duco, I set top kill plug, F	MIRU RDMO,	6:00 AM	Flow stages 1-12 FCP: 7 hours avg. of 2.45 BPH.	30 psi on 48 ck, recovered 59 bbl in 24 CO2 5%, 7,580 bbls left to recover.		
			8:00 AM	MIRU Duco well service u	ınit & equipment. Weatherford foam unit.		
			9:30 AM	MIRU Black Warrior Wire RDMO El.	IRU Black Warrior Wire line. set kill CBP @ 4605 ft. POOH DMO El.		
			12:00 PM	Blow down well, Nipple do Weatherford BOPs.	own Wellhead Inc. Frac tree, nipple up		
			4:00 PM	PU Smith tricone bit , We nipple, one jt. X nipple tal plug @ 4605 ft.	PU Smith tricone bit , Weatherford pumpoff bit sub. 8 ft. pup sub, XN nipple, one jt. X nipple tally in 146 joints 2-3/8" EUE N-80 tbg. tag plug @ 4605 ft.		
			5:00 PM	Rig up Weatherford Foan	n unit & power swivel.		
			5:00 PM	Shut in for night			
Well Name : Prickly Pear S	State #9-16-12-15	;	AP	I: 43-007-31240	Area : West Tavaputs		
Ops Date : 2/26/2007	Report #:	13	End Time	Description			

Flow stages 1-12

11:59 PM

### REGULATORY COMPLETION SUMMARY



Vell Name :	Prickly Pear S	tate #9-16-12-15		API	: 43-007-31240	Area: West Tavaputs
Ops Date :	3/1/2007	Report #:	16	End Time	Description	
	SI Drill CFPs.	clean rat hole . L	ay down	7:00 AM	SICP:1325	
Summary .	the land the N	ID/NU tree. pump	off bit.	7:30 AM	flow casing, start foamir	ng wellbore.
	RDMO WSU. I	Flow stages 1-12		8:30 AM	Drill CFP # 1 @ 6870 F	
				10:30 AM	TIH tag fill @ 6975 mid PBTD. Foam wellbore	ddle of bottom perfs. clean out to 7077 ft. clean. total of 95 ft of wellbore.
				12:00 PM	Shut down foam unit. rig 4786 ft. (tbg hanger, 15 sub.	g down power swivel. POOH lay down tbg to 1 joints, X & XN nipples, tbg sub. Pumpoff bit
				1:30 PM	Land tbg on hanger. Ni bit sub & Bit.	ipple down BOPs. NU X-Mas Tree. Pumpoff
				4:00 PM		ervice Unit & equipment.
				6:00 PM	Road WSU to top of Ha	armond Canyon. lower Rig off hill with Cat.
				11:59 PM	Flow stages 1-12 CO2	
		State #9-16-12-15			I: 43-007-31240	Area: West Tavaputs
•	: 2/28/2007	Report # :	15	End Time	Description	مرام مارن
Summary	: Shut in on CB	P. Start foaming	unit. Drill	7:00 AM	Shut in on composite b	
	CBh & Comb	osite frac plugs.		7:30 AM	Start foaming wellbore	20 no fill on plug. drill out FCP: 600 PSI 48/64
				8:00 AM	ck.	
				9:00 AM	on surface, trace of sa	
				10:00 AM	surface	0 ft. no fill on plug. drill out no flow change on
				11:00 AM	on surface. no sand.	10 ft. no fill on plug drill out no flow change
				12:00 PM	TIH to CFP #7 @ 562 on surface. no sand. psi on 1" ck.	20 ft. no fill on plug drill out no flow change (had 10 bbls increase in water) FCP: 550
				1:00 PM	surface, trace of sand	'50ft. no fill on plug drill out no flow change or
				2:00 PM	surface. trace of sand	
				3:00 PM	TIH to CFP # 4 @ 63 1 " ck.	340 ft. no fill on plug. no sand FCP: 475 psi o
				4:00 PM	TIH to CFP#3@ 6 1" ck. trace of sand	600 ft. drill out no fill on plug. FCP:450 psi on
				5:00 PM	TIH to CFP # 2 @ 67 increases in gas flow	770 ft. drill out had trace of sand and FCP: 575 psi on 1" ck.
				6:00 PM	Circ hole clean with fo	oam air.

#### **STATE OF UTAH**

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FORM 9

5. LEASE DESIGNATION AND SERIAL NUMBER:

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

	,		ML-46708
SUNDRY	NOTICES AND REPORTS	ON WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME: N/A
Do not use this form for proposals to drill new drill horizontal late	w wells, significantly deepen existing wells below currer arals. Use APPLICATION FOR PERMIT TO DRILL form	nt bottom-hole depth, reenter plugged wells, or to n for such proposals.	7. UNIT OF CA AGREEMENT NAME: Prickly Pear/UTU-079487
1. TYPE OF WELL OIL WELL	GAS WELL 🗸 OTHER	•	8. WELL NAME and NUMBER: Prickly Pear Unit State 9-16-12-15
2. NAME OF OPERATOR:			9. API NUMBER:
Bill Barrett Corporation			4300731240
3. ADDRESS OF OPERATOR: 1099 18th Street, Suite 2300 CITY	Denver STATE CO ZIP 8	0202 PHONE NUMBER: (303) 312-8134	10. FIELD AND POOL, OR WILDCAT: Wildcat - Wasatch/Mesaverde
4. LOCATION OF WELL	OTATE En		
FOOTAGES AT SURFACE: 1836' F	SL, 490' FEL		соинту: Carbon
QTR/QTR, SECTION, TOWNSHIP, RANGI	ie, meridian: NESE 16 12S 15	E	STATE: UTAH
11. CHECK APPRO	OPRIATE BOXES TO INDICATE	NATURE OF NOTICE, REPO	RT, OR OTHER DATA
TYPE OF SUBMISSION		TYPE OF ACTION	
☐ NOTICE OF INTENT	ACIDIZE [	DEEPEN	REPERFORATE CURRENT FORMATION
(Submit in Duplicate)	ALTER CASING	FRACTURE TREAT	SIDETRACK TO REPAIR WELL
Approximate date work will start:	CASING REPAIR	NEW CONSTRUCTION	TEMPORARILY ABANDON
	CHANGE TO PREVIOUS PLANS	OPERATOR CHANGE	TUBING REPAIR
	CHANGE TUBING	PLUG AND ABANDON	VENT OR FLARE
SUBSEQUENT REPORT (Submit Original Form Only)	CHANGE WELL NAME	PLUG BACK	WATER DISPOSAL
Date of work completion:	CHANGE WELL STATUS	PRODUCTION (START/RESUME)	WATER SHUT-OFF
	COMMINGLE PRODUCING FORMATIONS	RECLAMATION OF WELL SITE	✓ отнея: <u>First Sales</u>
	CONVERT WELL TYPE	RECOMPLETE - DIFFERENT FORMATION	
12. DESCRIBE PROPOSED OR COM	MPLETED OPERATIONS. Clearly show all per	tinent details including dates, depths, volume	es, etc.
This sundry is being submit	tted as notice of first sales on Mar	rch 12, 2007.	
NAME (PLEASE PRINT) Tracey Falls	ang	TITLE Environmental/Re	egulatory Analyst
SIGNATURE LACUS	Follower	<sub>DATE</sub> 3/13/2007	
SIGNATURE	- Human		
This enace for State use only)	V		RECEIVED

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b. TYPE OF WORK					·	_							8. W	ÆLL NA	ME and N	UMBER:			
NEW VELL V	HORIZ.	]	EEP-	]	RE- ENTRY		DIFF. RESVR.		ОТ	HER			<u> </u>		•	r U S	tate 9-1	6-12	·15
Bill Barret		ation												PI NUMI 4300	зек: 73124	0			
a. ADDRESS OF OR 1099 18th S		2300a	сіту De	nver		STATE	: CO	ZIP <b>80</b> 2	202		E NUMBER: 03) 312-8	134			D POOL,		CAT -Mesav	erde/	
LOCATION OF W	ÆLL (FOOTA	GES)															NSHIP, RA		_
AT SURFACE:	1836' F	SL, 49	0' FEL										4	WERIDIA ESE	16		15E		
AT TOP PRODU	CING INTER\	/AL REPO	RTED BEI	LOW: S	ame														
AT TOTAL DEPT	тн: Same	е												arbo			13. STAT	UTA	łΗ
4. DATE SPUDDED		5. DATE 1 1/8/20		HED:		E COMPL /2007	ETED:	,	ABANDO	NED	READY TO PE	RODUCE			O13' C		(B, RT, GL):		
8. TOTAL DEPTH:			···	19. PLUG			7,077		20. IF	MULTIPLE C	OMPLETIONS,	HOW M	ANY?*	21. DE	PTH BRID	GE M	D		
DO TOTAL	TVD 7,1						7,077			Tan							VD		
2. TYPE ELECTRIC				•		. •	•	:. D.	-14	23. WAS WEL	L CORED?		NO	7	YES 🗍	(Sı	ıbmit analys	is)	
Triple Comb T, CBL/GR/			ON, BO	renole	Com	pensa	iea Sc	onic De	eita	WAS DST	RUN? DNAL SURVEY?		NO NO	<b>√</b>	YES T	(Su	ibmit report)		
4. CASING AND LI	NER RECOR	D (Report	all strings	s set in we	ell)														
HOLE SIZE	SIZE/GR/	ADE	WEIGHT	(#/ft.)	тор (	(MD)	вотто	OM (MD)		CEMENTER EPTH	CEMENT TY		SLUF VOLUME		СЕМЕ	NT TOP	** AMOU	INT PUL	LED
12 1/4"	9 5/8	J-55	36	#		)	1,0	040			Type 5	240	79	9	Sı	ırface			
											Type G	180	3	7					
												_			<u></u>		_		
3 3/4"	5 1/2 N	1.00	17;	<u></u>			7 4	120	_		50/50 4	405	24	7	ļ ,	)FOI			
3/4	3 1/2 1	V-00	17:	#			7,1	128			50/50 1	,195	31		-	350'	-		
5. TUBING RECOR	l										I				<u>.l</u>				
SIZE	DEPTH S	SET (MD)	PACK	ER SET (M	ID)	SIZE		DEPTH	SET (MD	) PACKE	R SET (MD)		SIZE		DEPTH SE	T (MD)	PACKE	R SET (N	/ID)
2 3/8	4,7	785	<u> </u>																
6. PRODUCING IN		·						T			RATION RECO								
FORMATION			(MD)	BOTTO		TOP (	(TVD)	вотто	M (TVD)		L (Top/Bot - MD			NO. HO			DRATION S		
North Hora  Mesaverd		<del>-</del>	670 271	6,0	982	_				6,944 6,824	6,9 6,8		0.56 0.56	20		en 🔽 en 🗸	Squeeze		
) iviesaveiu		0,4	211	0,8	702	<u> </u>				6,661	6,7		0.56	20	-+	en 🔽	Squeeze	=	
))										6,514	6,5		0.56	30		en 🗸	Squeeze	=	
B. ACID, FRACTUR	RE, TREATME	NT, CEME	NT SQUE	EZE, ETC						0,011	0,0	<u> </u>	<u> </u>		1 47	<u> v</u>		<del></del>	
	NTERVAL		T						AM	OUNT AND T	YPE OF MATE	RIAL							
	1		70%	CO2 1	oam f	rac: 12	26 ton	s CO2	: 750	bbls tota	al fluid; 84	.200	# 20/4	40 Ot	tawa s	and			_
6824' - 6834'			+								al fluid; 76			_					
661' - 6705'						_					l fluid; 84						cont. at	ache	d)
9. ENCLOSED ATT	ACHMENTS:															30. WE	LL STATUS	B:	_
=	RICAL/MECHA			<b></b>			=	GEOLOGIO		=	DST REPORT		DIRECT	IONAL S	SURVEY	P	roduc	cing	
I I SUNDR'	Y NOTICE FO	IK PLUGG	ING AND (	CEMENT	v⊏RIFIC:A	NUN		CURE AN	ALYSIS .	1 1 (	OTHER:			_					

(CONTINUED ON BACK)

(5/2000)

APR U 6 2007

31. ÎNÎTIAL PRO	DUCTION			INI	TERVAL A (As sho	wn in item #26)				
DATE FIRST PR	ODUCED:	TEST DATE:		HOURS TESTE	D:	TEST PRODUCTIO	N OIL - BBL:	GAS - MCF:	WATER - BBL:	PROD. METHOD:
3/12/2007		3/23/200	07		24	RATES: →	0	3,032	0	Flowing
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU - GAS	GAS/OIL RATIO	24 HR PRODUCTIO		GAS - MCF:	WATER - BBL:	INTERVAL STATUS
64/64	700	1,093			<u></u>	RATES: →	0	3,032	0	Open
				INT	TERVAL B (As sho	wn in item #26)				
DATE FIRST PR	ODUCED:	TEST DATE:		HOURS TESTE	D:	TEST PRODUCTIO RATES: →	N OIL – BBL:	GAS - MCF:	WATER BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTIO RATES: →	N OIL BBL:	GAS – MCF:	WATER - BBL:	INTERVAL STATUS
				TNI	TERVAL C (As sho	wn in item #26)	<b>t</b>			<u></u>
DATE FIRST PR	ODUCED:	TEST DATE:		HOURS TESTER	D:	TEST PRODUCTION RATES: →	N OIL - BBL:	GAS - MCF:	WATER BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTIO RATES: →	N OIL – BBL:	GAS - MCF:	WATER - BBL:	INTERVAL STATUS
				INT	ERVAL D (As sho	wn in item #26)		<u> </u>	_L	
DATE FIRST PR	ODUCED:	TEST DATE:		HOURS TESTE		TEST PRODUCTION RATES: →	N OIL – BBL:	GAS - MCF:	WATER - 8BL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTIO RATES: →	N OIL - BBL:	GAS - MCF:	WATER - BBL:	INTERVAL STATUS
32. DISPOSITIO	N OF GAS (Sold,	Used for Fuel, \	Vented, Etc.)						•	
33. SUMMARY	OF POROUS ZON	IES (Include Aqu	ılfers):				34. FORMATION	(Log) MARKERS:		
			nereof: Cored inter aut-in pressures an	vals and all drill-stem d recoveries.	n tests, including de	epth interval				
Formatio	on		Bottom (MD)	Descrip	tions, Contents, etc	<b>.</b>		Name	(	Top Measured Depth)
							Wasatch North Horn Dark Canyo Price River	on		2,563 4,537 6,265 6,573
35. ADDITIONAL	REMARKS (Incl	ude plugging pr	ocedure)							
Copies of	logs alread	y submitte	ed.							

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records.

NAME (PLEASE PRINT) Tracey Fallang TITLE Environmental/Regulatory Analyst

This report must be submitted within 30 days of

- completing or plugging a new well
- drilling horizontal laterals from an existing well bore
- recompleting to a different producing formation
- reentering a previously plugged and abandoned well

4/3/2007

- significantly deepening an existing well bore below the previous bottom-hole depth
- drilling hydrocarbon exploratory holes, such as core samples and stratigraphic tests

\*\* ITEM 24: Cement Top – Show how reported top(s) of cement were determined (circulated (CIR), calculated (CAL), cement bond log (CBL), temperature survey (TS)).

Send to:

SIGNATURE

Utah Division of Oil, Gas and Mining 1594 West North Temple, Suite 1210

Box 145801

Salt Lake City, Utah 84114-5801

Phone: 801-538-5340

Fax: 801-359-3940

<sup>\*</sup> ITEM 20: Show the number of completions if production is measured separately from two or more formations.

27. PERFOR	RATION RECO	RD (cont.)	)			28. ACID, FR	ACTU	RE, TREATM	ENT, CE	MENT SQUEEZE	, ETC. (cont	.)
	ERVAL Bot-MD)	SIZE	NO. HOLES	PERFORATION STATUS	AMOUNT AND TYPE OF MATERIAL							
6514'	6554'	0.56"	30	Open	Stg 4	70% CO2 foam frac:	106	tons CO2	712	bbls total fluid	43,147#	20/40 White Sand
6271'	6301'	0.56"	30	Open	Stg 5	70% CO2 foam frac:	119	tons CO2	798	bbls total fluid	83,957#	20/40 White Sand
6032'	6042'	0.56"	20	Open	Stg 6	70% CO2 foam frac:	67	tons CO2	500	bbls total fluid	35,905#	20/40 White Sand
5636'	5697'	0.56"	20	Open	Stg 7	70% CO2 foam frac:	171	tons CO2	1130	bbls total fluid	115,159#	20/40 White Sand
5572'	5582'	0.56"	20	Open	Stg 8	70% CO2 foam frac:	88	tons CO2	812	bbls total fluid	43,868#	20/40 White Sand
5184'	5271'	0.56"	20	Open	Stg 9	70% CO2 foam frac:	147	tons CO2	764	bbls total fluid	101,129#	20/40 White Sand
5076'	5086'	0.56"	20	Open	Stg 10	70% CO2 foam frac:	71	tons CO2	474	bbls total fluid	39,925#	20/40 White Sand
4863'	4913'	0.56"	30	Open	Stg 11	70% CO2 foam frac:	145	tons CO2	917	bbls total fluid	115,030#	20/40 White Sand
4670'	4760'	0.56"	20	Open	Stg 12	70% CO2 foam frac:	57	tons CO2	465	bbls total fluid	29,924#	20/40 White Sand

<sup>\*</sup>Depth intervals for frac information same as perforation record intervals.

	STATE OF UTAH		FORM 9
	DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MININ	NG	5.LEASE DESIGNATION AND SERIAL NUMBER: ML-46708
	RY NOTICES AND REPORTS O	_	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
	sals to drill new wells, significantly deepen ex igged wells, or to drill horizontal laterals. Use		7.UNIT or CA AGREEMENT NAME: PRICKLY PEAR
1. TYPE OF WELL Gas Well			8. WELL NAME and NUMBER: PRICKLY PEAR U ST 9-16-12-15
2. NAME OF OPERATOR: BILL BARRETT CORP			9. API NUMBER: 43007312400000
3. ADDRESS OF OPERATOR: 1099 18th Street Ste 2300, D	Denver, CO, 80202 303 312-	PHONE NUMBER: 8128 Ext	9. FIELD and POOL or WILDCAT: NINE MILE CANYON
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1836 FSL 0490 FEL			COUNTY: CARBON
QTR/QTR, SECTION, TOWNSHI Qtr/Qtr: NESE Section: 16	IP, RANGE, MERIDIAN: Township: 12.0S Range: 15.0E Meridian: S		STATE: UTAH
11. CHE	CK APPROPRIATE BOXES TO INDICATE	NATURE OF NOTICE, REPORT,	OR OTHER DATA
TYPE OF SUBMISSION		TYPE OF ACTION	
✓ NOTICE OF INTENT	ACIDIZE	ALTER CASING	CASING REPAIR
Approximate date work will start:  2/25/2010	CHANGE TO PREVIOUS PLANS	CHANGE TUBING	CHANGE WELL NAME
	☐ CHANGE WELL STATUS ☐	COMMINGLE PRODUCING FORMATIONS  FRACTURE TREAT	☐ CONVERT WELL TYPE ☐ NEW CONSTRUCTION
SUBSEQUENT REPORT Date of Work Completion:	OPERATOR CHANGE	PLUG AND ABANDON	☐ PLUG BACK
_	PRODUCTION START OR RESUME	RECLAMATION OF WELL SITE	RECOMPLETE DIFFERENT FORMATION
SPUD REPORT Date of Spud:	REPERFORATE CURRENT FORMATION	SIDETRACK TO REPAIR WELL	TEMPORARY ABANDON
	☐ TUBING REPAIR	VENT OR FLARE	WATER DISPOSAL
DRILLING REPORT Report Date:	☐ WATER SHUTOFF	SI TA STATUS EXTENSION	APD EXTENSION
Report Date.	☐ WILDCAT WELL DETERMINATION ✓	OTHER	OTHER: Workover-change in lift
This sundry is being s move on to this locat production. The work	MPLETED OPERATIONS. Clearly show all pertinguals and the submitted as notification that Billion to install a new lift system in over procedure is attached. If your information, please call me at	I Barrett Corporation will an attempt to enhance ou have any questions or 303-312-8134.	Approved by the Utah Division of Oil, Gas and Mining ate: February 03, 2010
NAME (PLEASE PRINT)	PHONE NUMBER	TITLE December Analyst	
Tracey Fallang  SIGNATURE	303 312-8134	Regulatory Analyst  DATE	
N/A		2/2/2010	

#### WORKOVER PROCEDURE

### Prickly Pear 9-16 CVR Installation Procedure "Change of lift system"

\*It is imperative that as little fluid as possible is pumped on this well while performing this procedure.

3-1/2" Ultra Flush Est – 1,260'

2-3/8" EUE Est - 5.690'

- 1.) MIRU PU & bleed casing off thru flare
- 2.) NU BOP's
- 3.) MUPU 4.5" bit, 2-3/8" tbg & TIH to first plug @ 4,600', DO
- 4.) Continue TIH to next CBP @ 5,500' & DO
- 5.) Continue TIH to 7,050', EOC @ 7,127'. Report depth back to Chris Bairrington BBC Denver @ 303-312-8511.
- 6.) TOOH w/ 2-3/8" tbg.
- 7.) PUMU +/- 1,260' of 3.5" Ultraflush tubing (w/ pump out plug insert), change over to 2 3/8 tubing
- 8.) MIRU NALCO One Source capillary tbg unit & run ¼" 2204 stainless steel tbg inside 3.5" ultra flush
- 9.) MU & TIH w/Injection Mandrel, Shear Jt, XN nipple, 1 jt 2-3/8" tbg, CVR sleeve (w/ sleeve intact over holes)
- 10.) MUPU & continue TIH under pressure thru hydrill w/ 2-3/8" tbg with capillary string banded to outside of tbg
  - a. Land CVR sleeve @ 5,690' +/-
- 11.) PUMU modified tbg hanger & hook up 1/4" capillary tbg to injection port
- 12.) Land tbg
- 13.) N/D bop N/U well head w/ isolation nipple between donut & B2 adapter flange on bottom of tree
- 14.) RU N2 foam unit & pump out bottom plug. Continue foaming down tbg up backside for 2 hours to evacuate all liquids
- 15.) Immediately MIRU SL unit, RIH & pull CVR sleeve (same day as foam unit evacuates the backside)
- 16.) RIH & set XN-plug
- 17.) RDMOL flowing well up tbg to sales

	STATE OF UTAH				FORM 9
	DEPARTMENT OF NATURAL RESOUR DIVISION OF OIL, GAS, AND M		i e	5.LEASI ML-46	DESIGNATION AND SERIAL NUMBER: 708
SUNDF	RY NOTICES AND REPORT	S ON	WELLS	6. IF IN	DIAN, ALLOTTEE OR TRIBE NAME:
	sals to drill new wells, significantly deepe igged wells, or to drill horizontal laterals.				or CA AGREEMENT NAME: _Y PEAR
1. TYPE OF WELL Gas Well					NAME and NUMBER: LY PEAR U ST 9-16-12-15
2. NAME OF OPERATOR: BILL BARRETT CORP					IUMBER: 312400000
3. ADDRESS OF OPERATOR: 1099 18th Street Ste 2300, D	Denver, CO, 80202 303	PI 312-81	HONE NUMBER: 28 Ext		O and POOL or WILDCAT: MILE CANYON
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1836 FSL 0490 FEL				COUNTY	
QTR/QTR, SECTION, TOWNSHI Qtr/Qtr: NESE Section: 16	IP, RANGE, MERIDIAN: Township: 12.0S Range: 15.0E Meridian	n: S		STATE: UTAH	
11. CHE	CK APPROPRIATE BOXES TO INDICA	CATE NA	TURE OF NOTICE, REPORT,	OR OTH	IER DATA
TYPE OF SUBMISSION			TYPE OF ACTION		
	ACIDIZE	A	LTER CASING		CASING REPAIR
NOTICE OF INTENT Approximate date work will start:	CHANGE TO PREVIOUS PLANS	□ c	HANGE TUBING		CHANGE WELL NAME
	☐ CHANGE WELL STATUS	☐ c	OMMINGLE PRODUCING FORMATIONS		CONVERT WELL TYPE
✓ SUBSEQUENT REPORT  Date of Work Completion:	☐ DEEPEN	FI	RACTURE TREAT		NEW CONSTRUCTION
4/8/2010	OPERATOR CHANGE	☐ P	LUG AND ABANDON		PLUG BACK
SPUD REPORT	☐ PRODUCTION START OR RESUME	□ R	ECLAMATION OF WELL SITE		RECOMPLETE DIFFERENT FORMATION
Date of Spud:	☐ REPERFORATE CURRENT FORMATION	S	IDETRACK TO REPAIR WELL		TEMPORARY ABANDON
	☐ TUBING REPAIR	□ v	ENT OR FLARE		WATER DISPOSAL
DRILLING REPORT Report Date:	☐ WATER SHUTOFF	☐ s	I TA STATUS EXTENSION		APD EXTENSION
	☐ WILDCAT WELL DETERMINATION	<b>√</b> o	THER	отні	Workover-change in lift
12. DESCRIBE PROPOSED OR CO	DMPLETED OPERATIONS. Clearly show all p	pertinent	details including dates, depths, v	olumes,	etc.
in an attempt to er	submitted to provide details hance production by changing the wellbore. Details of the w	ing ou	t the lift system and Aver are attached.  Oi	Jtah I I, Gas	ted by the Division of and Mining ECORD ONLY
NAME (PLEASE PRINT) Tracey Fallang	<b>PHONE NUMBE</b> 303 312-8134	ER	TITLE Regulatory Analyst		
SIGNATURE N/A			<b>DATE</b> 4/27/2010		



#### **Well Summary Report**

Prickly Pear State #9-16-12-15 3/31/2010 06:00 - 4/1/2010 00:00

API/UWI State/Province County Field Name Well Status Total Depth (ftKB) Primary Job Type 43-007-31240 UT West Tavaputs Released for Work

Time Log Summary

WSI,Safety meeting Spot Equip. - 3, MIRU Nabors workover unit - 3, ND tree NU BOP's - 1, Tally tubing RIH w/ tbg and 4-3/4" tricone bit and bit sub. (140jts-4460') SDFN - 3, Well secure - 14

Prickly Pear State #9-16-12-15 4/1/2010 00:00 - 4/2/2010 00:00

API/UWI State/Province County Field Name Well Status Total Depth (ftKB) Primary Job Type 43-007-31240 UT Carbon West Tavaputs Released for Work Clean-out

Time Log Summary

Safety meeting - 1, Land tubing above BP @ 4570' to move to 16B-16D well - 1, RDMO workover uint - 2, Well secure and TA. - 14

Prickly Pear State #9-16-12-15 4/5/2010 00:00 - 4/6/2010 06:00

API/UWI State/Province County Field Name Well Status Total Depth (ftKB) Primary Job Type 43-007-31240 UT West Tavaputs Released for Work Clean-out

Time Log Summary

Safety meeting RU Nabors workover uint - 2, ND flange NU BOP's - 1, RIH tag plug @ 4570' Drill out continue to TD @ 7077' did not tag anything. - 4, Circulate w/ foam bottoms up. - 1, Start out of hole w/ tubing and bit. w/ 59 jts. left SDFN. - 2

Prickly Pear State #9-16-12-15 4/6/2010 06:00 - 4/7/2010 06:00

API/UWI State/Province County Field Name Well Status Total Depth (ftKB) Primary Job Type 43-007-31240 UT West Tavaputs Released for Work Clean-out

Time Log Summary

Safety meeting Blow down well - 1, Continue to trip out of hole - 2, NU hydrill wait on water truck - 2, Pick up 39 jts of 3-1/2" Ultra flush tubing RIH to1254' plus one jt of 2-3/8" tubing SDFN - 2, Well secure - 17

Prickly Pear State #9-16-12-15 4/7/2010 06:00 - 4/8/2010 06:00

API/UWI State/Province County Field Name Well Status Total Depth (ftKB) Primary Job Type 43-007-31240 UT West Tavaputs Released for Work Clean-out

Time Log Summary

Safety meeting, RU Nalco One Source - 1, Run 1/4" cap string inside 3-1/2" Ultra Flush to 1250' - 1, RIH w/ tubing with cap string attached to outside of tubing. - 2.5, Land as Followed:

KB 16' Hanger .65

178 joints- 2 3/8' 4.7 lb/ft.tubing 5654.41'

CVR Tool 4.60'--3.00" OD----- 5671.00'

1Joint-2 3/8' 4.7 lb/ft. tubing 31.70'

XN-Nipple 1.21'--- ;5708' Injection Mandral 1.83'

Disconect 0.65'--- 2.625" OD--2" ID Pup Joint- 2 3/8' 4.7 lb/ft. 2.10'--- 2.375 OD X-Over 0.7980,--- 3.5' OD-- 2" ID

39 joints -3 1/2" UF 9.3 lb/ft. tubing 1254'

EOT--6968' - 1,

Pump off Crouse plug circulate foam for 1 hr. - 1, RU Delsco Slickline uint RIH pull CVR sleeve, RIH set plug in XN-nipple - 1.5, Flowback well to sales - 14

www.peloton.com Page 1/1 Report Printed: 4/27/2010

### Division of Oil, Gas and Mining

### **OPERATOR CHANGE WORKSHEET (for state use only)**

ROU'	TING
C	DW

	X - Change of Operator (Well Sold)			Operator Na	me Chan	ge/Merger		-
	The operator of the well(s) listed below has chan	ged, eff	ective:			1/1/2014		
FF	ROM: (Old Operator):			<b>TO:</b> ( New O	perator):			
	165-Bill Barrett Corporation			N4040-EnerVe		g. LLC		
•	99 18th Street, Suite 230			1001 Fannin St	•			
	nver, CO 80202			Houston, TX 7		,,,,		
				, , ,	. 002			
Pho	one: 1 (303) 312-8134			Phone: 1 (713)	659-3500			
	CA No.			Unit:	Prickly Pe	ar		
WE	ELL NAME	SEC T	WN RNG	API NO	ENTITY	LEASE TYPE	WELL	WELL
					NO		TYPE	STATUS
See	Attached List				L	<u> </u>		1
	PERATOR CHANGES DOCUMENT. ter date after each listed item is completed (R649-8-10) Sundry or legal documentation wa (R649-8-10) Sundry or legal documentation wa	s receiv	ed from the	-		1/7/2014 1/7/2014		
3.	The new company was checked on the <b>Departs</b>			•				1/28/2014
4a.	Is the new operator registered in the State of U		Commerce	Business Numb		8850806-0161		1/20/2014
	(R649-9-2)Waste Management Plan has been re		on: ———	Not Yet		000000000000000000000000000000000000000	•	
	Inspections of LA PA state/fee well sites compl			Yes	-			
	Reports current for Production/Disposition & S		on:	1/24/2014	•			
6.	Federal and Indian Lease Wells: The BL				: merger, na	me change.		
	or operator change for all wells listed on Federa				BLM		BIA	N/A
7.	Federal and Indian Units:							
	The BLM or BIA has approved the successor	of unit	operator for	r wells listed on:		Not Yet		
8.	Federal and Indian Communization Ag		-			1100 1 00	•	
•	The BLM or BIA has approved the operator f		•	•		N/A		
9.	Underground Injection Control ("UIC"				orm 5 Tran		ity to	
٠.	Inject, for the enhanced/secondary recovery un	•		•			Yes	
DA	ATA ENTRY:	ii/projet	ot for the wa	ater disposar wer	n(s) nstea o		1 65	_
1.	Changes entered in the Oil and Gas Database	on:		1/28/2014				
2.	Changes have been entered on the Monthly Op		Change Sp		•	1/28/2014		
3.	Bond information entered in RBDMS on:			1/28/2014				
4.	Fee/State wells attached to bond in RBDMS on	:		1/28/2014	•			
5.	Injection Projects to new operator in RBDMS of			1/28/2014				
6.	Receipt of Acceptance of Drilling Procedures for					1/7/2014		
	Surface Agreement Sundry from NEW operator	on Fee	Surface we	lls received on:		1/7/2014		
BC	OND VERIFICATION:							
1.	Federal well(s) covered by Bond Number:			RLB7886	•			
2.	Indian well(s) covered by Bond Number:			RLB7886				
3a.	(R649-3-1) The <b>NEW</b> operator of any state/fee			-		B008371		
3b.	The <b>FORMER</b> operator has requested a release	of liab	ility from th	neir bond on:	N/A			
Į,F	CASE INTEREST OWNER NOTIFIC	ATIO	N:					
	(R649-2-10) The <b>NEW</b> operator of the fee wells			and informed b	v a letter fro	om the Division		
	of their responsibility to notify all interest owner				1/28/2014	uic Divisioii		
	MMENTS:			-				

W/-11 N		THAT		Prickly Pear C		) (' 1 x	G C T	XX 11 (F)	Txx 11 C
Well Name				API Number	Entity	Mineral Lease	<del>                                     </del>	Well Type	Well Status
PPU FED 11-23D-12-15	+	1208	150E	4300731440		Federal	Federal	GW	APD
PPU FED 4-26D-12-15		120S	150E	4300731441		Federal	Federal	GW	APD
PPU FED 14-23D-12-15	+	120S	150E	4300731442		Federal	Federal	GW	APD
PPU FED 12-23D-12-15	+	120S	150E	4300731443		Federal	Federal	GW	APD
PRICKLY PEAR U FED 12-7D-12-15	+ - +	120S	150E	4300750094		Federal	Federal	GW	APD
PRICKLY PEAR U FED 11-7D-12-15		120S	150E	4300750095		Federal	Federal	GW	APD
PRICKLY PEAR U FED 13-7D-12-15	<del>i</del>	120S	150E	4300750096		Federal	Federal	GW	APD
PRICKLY PEAR U FED 14-7D-12-15		120S	150E	4300750097		Federal	Federal	GW	APD
PRICKLY PEAR UF 11-8D-12-15		120S	150E	4300750124		Federal	Federal	GW	APD
PRICKLY PEAR UF 12-8D-12-15	·	120S	150E	4300750125		Federal	Federal	GW	APD
PRICKLY PEAR UF 13-8D-12-15	·	120S	150E	4300750126		Federal	Federal	GW	APD
PRICKLY PEAR UF 14-8D-12-15	-	120S	150E	4300750127		Federal	Federal	GW	APD
PRICKLY PEAR UF 9-21D-12-15		120S	150E	4300750128		Federal	Federal	GW	APD
PRICKLY PEAR UF 9A-21D-12-15		120S	150E	4300750129		Federal	Federal	GW	APD
PRICKLY PEAR UF 10-21D-12-15	21	120S	150E	4300750130		Federal	Federal	GW	APD
PRICKLY PEAR UF 10A-21D-12-15	21	120S	150E	4300750131		Federal	Federal	GW	APD
PRICKLY PEAR UF 15A-21D-12-15	21	120S	150E	4300750132		Federal	Federal	GW	APD
PRICKLY PEAR UF 15X-21D-12-15	21	120S	150E	4300750133		Federal	Federal	GW	APD
PRICKLY PEAR UF 16-21D-12-15	21	120S	150E	4300750134		Federal	Federal	GW	APD
PRICKLY PEAR UF 16A-21D-12-15	21	120S	150E	4300750135		Federal	Federal	GW	APD
PRICKLY PEAR UF 13A-22D-12-15	21	120S	150E	4300750148		Federal	Federal	GW	APD
PRICKLY PEAR UF 1A-27D-12-15	22	120S	150E	4300750161		Federal	Federal	GW	APD
PRICKLY PEAR UF 2A-27D-12-15	22	120S	150E	4300750162		Federal	Federal	GW	APD
PRICKLY PEAR UF 3A-27D-12-15	22	120S	150E	4300750163		Federal	Federal	GW	APD
PRICKLY PEAR UF 9A-22D-12-15	_		150E	4300750164		Federal	Federal	GW	APD
PRICKLY PEAR UF 10A-22D-12-15			150E	4300750165		Federal	Federal	GW	APD
PRICKLY PEAR UF 11A-22D-12-15	-		150E	4300750166		Federal	Federal	GW	APD
PRICKLY PEAR UF 12A-22D-12-15		120S	150E	4300750167		Federal	Federal	GW	APD
PRICKLY PEAR UF 14A-22D-12-15			150E	4300750168		Federal	Federal	GW	APD
PRICKLY PEAR UF 15A-22D-12-15			150E	4300750169		Federal	Federal	GW	APD
PRICKLY PEAR UF 16A-22D-12-15			150E	4300750170		Federal	Federal	GW	APD
PRICKLY PEAR UF 15A-15D-12-15			150E	4300750180		Federal	Federal	GW	APD
PRICKLY PEAR UF 11B-15D-12-15			150E	4300750181		Federal	Federal	GW	APD
PRICKLY PEAR UF 16A-15D-12-15			150E	4300750184		Federal	Federal	GW	APD
PRICKLY PEAR UF 3A-18D-12-15	·			4300750185			Federal	GW	APD
PRICKLY PEAR UF 4A-18D-12-15	<del></del>			4300750186		Federal	Federal	GW	APD
PRICKLY PEAR UF 11A-7D-12-15			150E			Federal	Federal	GW	APD
PRICKLY PEAR UF 2-18D-12-15	-		150E	4300750188		Federal	Federal	GW	APD
PRICKLY PEAR UF 12A-7D-12-15			150E	4300750189		Federal	Federal	GW	APD
PRICKLY PEAR UF 13A-7D-12-15			150E	4300750190		Federal	Federal	GW	APD
PRICKLY PEAR UF 14A-7D-12-15	-		150E	4300750190	and the same of th	Federal	Federal	GW	APD
PRICKLY PEAR FEDERAL 1-12D-12-14			140E	4300750205		Federal	Federal	GW	APD
PRICKLY PEAR UF 2-12D-12-14			140E	4300750205		Federal	Federal	GW	APD
PRICKLY PEAR UF 7-12D-12-14			140E	4300750207			Federal	GW	APD
PRICKLY PEAR UF 7A-12D-12-14	-		140E	4300750207		Federal	Federal	GW	APD
PRICKLY PEAR UF 8-12D-12-14								<u> </u>	
PRICKLY PEAR UF 8-12D-12-14 PRICKLY PEAR UF 4-7D-12-15			140E	4300750209		Federal	Federal	GW	APD
PRICKLY PEAR UF 4-7D-12-15 PRICKLY PEAR UF 5-7D-12-15			140E	4300750210		· ···· · · · · · · · · · · · · · · · ·	Federal	GW	APD
			140E	4300750211			Federal	GW	APD
PRICKLY PEAR UF 8A-12D-12-14			140E	4300750212			Federal	GW	APD
PRICKLY PEAR UF 5A-7D-12-15			140E	4300750213			Federal	GW	APD
PRICKLY PEAR UF 7-14D-12-15			150E	4300750214			Federal	GW	APD
PRICKLY PEAR UF 7A-14D-12-15			150E	4300750215			Federal	GW	APD
PRICKLY PEAR UF 9-14D-12-15			150E	4300750217			Federal	GW	APD
PRICKLY PEAR UF 9A-14D-12-15			150E	4300750218			Federal	GW	APD
PRICKLY PEAR UF 10-14D-12-15			150E	4300750219			Federal	GW	APD
PRICKLY PEAR UF 10A-14D-12-15	14	120S	150E	4300750220		Federal	Federal	GW	APD

Well Name	Coo TWN		API Number		Min and Lagar	Comfort I	W-11 T	337-11 C4-4
PRICKLY PEAR UF 15A-14D-12-15	14 120S	150E	4300750222	Entity	Mineral Lease Federal		Well Type GW	Well Status
PRICKLY PEAR UF 16-14D-12-15	14 120S	150E	4300750222		Federal	Federal	GW	APD APD
PRICKLY PEAR UF 16A-14D-12-15	14 120S	150E	4300750224		Federal	Federal	GW	+
PRICKLY PEAR UF 1A-18D-12-15	7 120S	150E	4300750225		Federal	Federal	GW	APD
PRICKLY PEAR UF 2A-18D-12-15	7 120S	150E	4300750226		Federal	Federal		APD
PRICKLY PEAR UF 9A-7D-12-15	7 120S	150E	4300730220			Federal	GW	APD
PRICKLY PEAR UF 10A-7D-12-15	7 120S	150E			Federal	Federal	GW	APD
PRICKLY PEAR UF 15A-7D-12-15	7 120S		4300750228		Federal	Federal	GW	APD
PRICKLY PEAR UF 16A-7D-12-15	<del>                                     </del>	150E	4300750229		Federal	Federal	GW	APD
PRICKLY PEAR UF 9A-12D-12-14	7 120S	150E	4300750230		Federal	Federal	GW	APD
PRICKLY PEAR UF 10A-12D-12-14	12 120S	140E	4300750233		Federal	Federal	GW	APD
PRICKLY PEAR UF 15A-12D-12-14	12 1208	140E	4300750234		Federal	Federal	GW	APD
PRICKLY PEAR UF 13A-12D-12-14  PRICKLY PEAR UF 12A-8D-12-15	12 120S	140E	4300750235		Federal	Federal	GW	APD
	8 120S	150E	4300750236		Federal	Federal	GW	APD
PRICKLY PEAR UF 16A-12D-12-14	12 120S	140E	4300750237		Federal	Federal	GW	APD
PRICKLY PEAR UF 11A-8D-12-15	8 120S	150E	4300750238		Federal	Federal	GW	APD
PRICKLY PEAR UF 13A-8D-12-15	8 120S	150E	4300750239		Federal	Federal	GW	APD
PRICKLY PEAR UF 14A-8D-12-15	8 120S	150E	4300750240		Federal	Federal	GW	APD
PRICKLY PEAR UF 5A-8D-12-15	8 120S	150E	4300750260		Federal	Federal	GW	APD
PRICKLY PEAR UF 6A-8D-12-15	8 120S	150E	4300750261		Federal	Federal	GW	APD
PRICKLY PEAR UF 4-8D-12-15	8 120S	150E	4300750262		Federal	Federal	GW	APD
PRICKLY PEAR UF 3-8D-12-15	8 120S	150E			Federal	Federal	GW	APD
PRICKLY PEAR UF 2-8D-12-15	8 120S	150E	4300750264		Federal	Federal	GW	APD
PRICKLY PEAR UF 7A-8D-12-15	·	150E	4300750265		Federal	Federal	GW	APD
PRICKLY PEAR UF 7-8D-12-15		150E	4300750266		Federal	Federal	GW	APD
PRICKLY PEAR UF 5-8D-12-15	<del>                                     </del>	150E	4300750267		Federal	Federal	GW	APD
PRICKLY PEAR UF 6-8D-12-15		150E	4300750268		Federal	Federal	GW	APD
PRICKLY PEAR UF 10A-8D-12-15	<del>                                     </del>	150E	4300750269	-	Federal	Federal	GW	APD
PRICKLY PEAR UF 9A-8D-12-15		150E	4300750270		Federal	Federal	GW	APD
PRICKLY PEAR UF 8-8D-12-15		150E	4300750271		Federal	Federal	GW	APD
PRICKLY PEAR UF 1-8D-12-15	<del></del>	150E	4300750272		Federal	Federal	GW	APD
PRICKLY PEAR UF 8A-8D-12-15		150E	4300750273		Federal	Federal	GW	APD
PRICKLY PEAR UF 5-9D-12-15		150E	4300750274		Federal	Federal	GW	APD
PRICKLY PEAR UF 5A-9D-12-15		150E	4300750275		Federal	Federal	GW	APD
PRICKLY PEAR UF 4-9D-12-15		150E	4300750276		Federal	Federal	GW	APD
PRICKLY PEAR UF 3-9D-12-15			4300750277		Federal	Federal		APD
PRICKLY PEAR UF 6A-9D-12-15			4300750278		Federal	Federal	GW	APD
PRICKLY PEAR UF 11-9D-12-15		150E	4300750279		Federal	Federal	GW	APD
PRICKLY PEAR UF 12A-9D-12-15		150E	4300750280		Federal	Federal	GW	APD
PRICKLY PEAR UF 6-9D-12-15		150E	4300750281		Federal	Federal	GW	APD
PRICKLY PEAR UF 11A-9D-12-15		150E	4300750282		Federal	Federal	GW	APD
PRICKLY PEAR US 1X-16D-12-15		150E	4300750283		State	Federal	GW	APD
PRICKLY PEAR UF 5A-15D-12-15		150E	4300750284		Federal	Federal	GW	APD
PRICKLY PEAR UF 6A-15D-12-15		150E	4300750285		Federal	Federal	GW	APD
PRICKLY PEAR UF 3-15D-13-15		150E	4300750286		Federal	Federal	GW	APD
PRICKLY PEAR UF 15A-10D-12-15		150E	4300750287		Federal		GW	APD
PRICKLY PEAR UF 13-10D-12-15		150E	4300750288		Federal		GW	APD
PRICKLY PEAR UF 15-10D-12-15		150E	4300750289		Federal		GW	APD
PRICKLY PEAR UF 16A-10D-12-15	<u> </u>	150E	4300750290		Federal		GW	APD
PRICKLY PEAR UF 9-10D-12-15		150E	4300750291		Federal		GW	APD
PRICKLY PEAR UF 14A-10D-12-15		150E	4300750292				GW	APD
PRICKLY PEAR UF 10-10D-12-15		150E	4300750293		Federal		GW	APD
PRICKLY PEAR UF 16-10D-12-15			4300750294				GW	APD
PRICKLY PEAR UF 13-11D-12-15			4300750295					APD
PRICKLY PEAR UF 13A-11D-12-15			4300750296					APD
PRICKLY PEAR UF 12-11D-12-15			4300750297			Federal	GW	APD
PRICKLY PEAR UF 13A-10D-12-15	10 120S	150E	4300750298		Federal	Federal	GW	APD

PRICKLY PEAR UF 1-10-10-12-15	Well Name	Soc TWN		ADI Number		Minoral Lagra	Cumfa a a I a a a a	W-11 T	W-11 C4-4
PRICKLY PEAR UF 14-10-12-15			+					Well Type	Well Status
PRICKLY PEAR UF 3-10-12-15   10   1208   150E   430075002   Federal   Federal   GW   APD			-						
PRICKLY PEAR UF 4-150-12-15   10   1208   150E   4300750302   Federal   Federal   GW   APD						<del></del>	<del></del>	<del> </del>	
PRICKLY PEAR UF 4-15D-12-15   10   120S   150E   4300750302   Federal   Federal   GW   APD				<del></del>					
PRICKLY PEAR UF 4-10D-12-15   10  1208   150E   4300750304   Federal   Federal   GW   APD		<del></del>							<del> </del>
PRICKLY PEAR LIF 9A-17D-12-15   17   1208   150E   4300750307   Federal   Federal   GW   APD									
PRICKLY PEAR UF 9.A-170-12-15   17   120S   150E   4300750306   Federal   Federal   GW   APD							<del></del>		
PRICKLY PEAR UF 8.A-17D-12-15					!				<del> </del>
PRICKLY PEAR UF 16A-17D-12-15						+	<u> </u>	+	
PRICKLY PEAR UF 3-70-12-15					!	<del></del>		1	
PRICKLY PEAR UF 16.A-17D-12-15						-	<del></del>		
PRICKLY PEAR UF 6-7D-12-15 PRICKLY PEAR UF 8-7D-12-15 PRICKLY PEAR UF 10-17-12-15 PRICKLY PEAR UF 10-17-12-15 PRICKLY PEAR UF 11-17-12-15 PRICKLY PEAR UF 11-17-12-15 PRICKLY PEAR UF 11-17-12-15 PRICKLY PEAR UF 11-17-12-15 PRICKLY PEAR UF 10-17-12-15 PRICKLY PEAR UF 10			-	<del></del>				-	
PRICKLY PEAR UF 15A-17D-12-15						·	+		
PRICKLY PEAR UF A-7D-12-15			+			<del></del>	ļ	-	
PRICKLY PEAR UF 7A-7D-12-15 PRICKLY PEAR UF \$A-7D-12-15 PRICKLY PEAR UF \$A-7D-12-15 PRICKLY PEAR UF \$A-7D-12-15 PRICKLY PEAR UF (SX-17D-12-15 PRICKLY PEAR UF 18A-17D-12-15 PRICKLY PEAR UF 19A-20D-12-15 PRICKLY PEAR U							<del></del>		
PRICKLY PEAR UF 8A-7D-12-15				<del></del>					<del></del>
PRICKLY PEAR UF 11A-17D-12-15									
PRICKLY PEAR UF 11A-17D-12-15			1						
PRICKLY PEAR UF 15B-17D-12-15								4	
PRICKLY PEAR UF 8A-20D-12-15   20   120S   150E   4300750319   Federal   Federal   GW   APD		-				1			
PRICKLY PEAR UF 1-7D-12-15     7 120S 150E 4300750320   Federal Federal GW APD PRICKLY PEAR UF 7A-20D-12-15     20 120S 150E 4300750321   Federal Federal GW APD PRICKLY PEAR UF 9A-20D-12-15     20 120S 150E 4300750323   Federal Federal GW APD PRICKLY PEAR UF 10A-20D-12-15     20 120S 150E 4300750323   Federal Federal GW APD PRICKLY PEAR UF 10-20D-12-15     20 120S 150E 4300750323   Federal Federal GW APD PRICKLY PEAR UF 10A-20D-12-15     20 120S 150E 4300750324   Federal Federal GW APD PRICKLY PEAR UF 21A-20D-12-15     20 120S 150E 4300750325   Federal Federal GW APD PRICKLY PEAR UF 14A-20D-12-15     20 120S 150E 4300750326   Federal Federal GW APD PRICKLY PEAR UF 16A-20D-12-15     20 120S 150E 4300750326   Federal Federal GW APD PRICKLY PEAR UF 16A-20D-12-15     20 120S 150E 4300750327   Federal Federal GW APD PRICKLY PEAR UF 16A-20D-12-15     20 120S 150E 4300750329   Federal Federal GW APD PRICKLY PEAR UF 15-20D-12-15     20 120S 150E 4300750329   Federal Federal GW APD PRICKLY PEAR UF 15-20D-12-15     20 120S 150E 4300750330   Federal Federal GW APD PRICKLY PEAR UF 15-20D-12-15     20 120S 150E 4300750331   Federal Federal GW APD PRICKLY PEAR UF 15-40D-12-15     30 120S 150E 4300750332   Federal Federal GW APD PRICKLY PEAR UF 16A-10D-12-15     30 120S 150E 4300750332   Federal Federal GW APD PRICKLY PEAR UF 16A-10D-12-15     30 120S 150E 4300750333   Federal Federal GW APD PRICKLY PEAR UF 15-40D-12-15     30 120S 150E 4300750335   Federal Federal GW APD PRICKLY PEAR UF 15-10D-12-15     30 120S 150E 4300750335   Federal Federal GW APD PRICKLY PEAR UF 15-10D-12-15     30 120S 150E 4300750335   Federal Federal GW APD PRICKLY PEAR UF 15-10D-12-15     30 120S 150E 4300750335   Federal Federal GW APD PRICKLY PEAR UF 15-10D-12-15     30 120S 150E 4300750335   Federal Federal GW APD PRICKLY PEAR UF 15-10D-12-15     30 120S 150E 4300750335   Federal Federal GW APD PRICKLY PEAR UF 15-10D-12-15     30 120S 150E 4300750335   Federal Federal GW APD PRICKLY PEAR UF 15-10D-12-15     30 120S 150E 4300750335   Federal Feder									
PRICKLY PEAR UF 7A-20D-12-15 20 1208 150E 4300750321 Federal Federal GW APD PRICKLY PEAR UF 19A-20D-12-15 20 1208 150E 4300750322 Federal Federal GW APD PRICKLY PEAR UF 10A-20D-12-15 20 1208 150E 4300750324 Federal Federal GW APD PRICKLY PEAR UF 10-20D-12-15 7 1208 150E 4300750325 Federal Federal GW APD PRICKLY PEAR UF 10-20D-12-15 7 1208 150E 4300750325 Federal Federal GW APD PRICKLY PEAR UF 14A-20D-12-15 20 1208 150E 4300750326 Federal Federal GW APD PRICKLY PEAR UF 16A-20D-12-15 20 1208 150E 4300750327 Federal Federal GW APD PRICKLY PEAR UF 16A-20D-12-15 20 1208 150E 4300750327 Federal Federal GW APD PRICKLY PEAR UF 15A-20D-12-15 20 1208 150E 4300750327 Federal Federal GW APD PRICKLY PEAR UF 15A-20D-12-15 20 1208 150E 4300750328 Federal Federal GW APD PRICKLY PEAR UF 15A-20D-12-15 20 1208 150E 4300750329 Federal Federal GW APD PRICKLY PEAR UF 15-20D-12-15 20 1208 150E 4300750330 Federal Federal GW APD PRICKLY PEAR UF 15-20D-12-15 20 1208 150E 4300750330 Federal Federal GW APD PRICKLY PEAR UF 6-10D-12-15 20 1208 150E 4300750331 Federal Federal GW APD PRICKLY PEAR UF 6-10D-12-15 20 1208 150E 4300750331 Federal Federal GW APD PRICKLY PEAR UF 6-10D-12-15 20 1208 150E 4300750331 Federal Federal GW APD PRICKLY PEAR UF 1A-10D-12-15 20 1208 150E 4300750331 Federal Federal GW APD PRICKLY PEAR UF 5-10D-12-15 20 1208 150E 4300750331 Federal Federal GW APD PRICKLY PEAR UF 1-1A-10D-12-15 20 1208 150E 4300750331 Federal Federal GW APD PRICKLY PEAR UF 1-1A-10D-12-15 20 1208 150E 4300750334 Federal Federal GW APD PRICKLY PEAR UF 1-1A-10D-12-15 20 1208 150E 4300750334 Federal Federal GW APD PRICKLY PEAR UF 1-1A-10D-12-15 20 1208 150E 4300750335 Federal Federal GW APD PRICKLY PEAR UF 1-1A-10D-12-15 20 1208 150E 4300750334 Federal Federal GW APD PRICKLY PEAR UF 1-1A-10D-12-15 20 1208 150E 4300750334 Federal Federal GW APD PRICKLY PEAR UF 1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-		<u> </u>					<del></del>		
PRICKLY PEAR UF 9A-20D-12-15 20 1208 150E 4300750322 Federal Federal GW APD PRICKLY PEAR UF 10A-20D-12-15 20 1208 150E 4300750323 Federal Federal GW APD PRICKLY PEAR UF 10-20D-12-15 20 1208 150E 4300750325 Federal Federal GW APD PRICKLY PEAR UF 12-7D-12-15 7 1208 150E 4300750325 Federal Federal GW APD PRICKLY PEAR UF 14A-20D-12-15 20 1208 150E 4300750325 Federal Federal GW APD PRICKLY PEAR UF 14A-20D-12-15 20 1208 150E 4300750326 Federal Federal GW APD PRICKLY PEAR UF 15A-20D-12-15 20 1208 150E 4300750326 Federal Federal GW APD PRICKLY PEAR UF 15A-20D-12-15 7 1208 150E 4300750328 Federal Federal GW APD PRICKLY PEAR UF 15A-20D-12-15 7 1208 150E 4300750329 Federal Federal GW APD PRICKLY PEAR UF 15A-20D-12-15 7 1208 150E 4300750339 Federal Federal GW APD PRICKLY PEAR UF 15A-20D-12-15 7 1208 150E 4300750339 Federal Federal GW APD PRICKLY PEAR UF 15A-20D-12-15 9 1208 150E 4300750331 Federal Federal GW APD PRICKLY PEAR UF 15A-10D-12-15 9 1208 150E 4300750331 Federal Federal GW APD PRICKLY PEAR UF 15A-10D-12-15 9 1208 150E 4300750332 Federal Federal GW APD PRICKLY PEAR UF 15A-10D-12-15 9 1208 150E 4300750333 Federal Federal GW APD PRICKLY PEAR UF 6-10D-12-15 9 1208 150E 4300750334 Federal Federal GW APD PRICKLY PEAR UF 5-10D-12-15 9 1208 150E 4300750335 Federal Federal GW APD PRICKLY PEAR UF 15-10D-12-15 9 1208 150E 4300750336 Federal Federal GW APD PRICKLY PEAR UF 1-10D-12-15 9 1208 150E 4300750336 Federal Federal GW APD PRICKLY PEAR UF 1-10D-12-15 9 1208 150E 4300750336 Federal Federal GW APD PRICKLY PEAR UF 1-10D-12-15 9 1208 150E 4300750336 Federal Federal GW APD PRICKLY PEAR UF 1-10D-12-15 9 1208 150E 4300750336 Federal Federal GW APD PRICKLY PEAR UF 1-10D-12-15 9 1208 150E 4300750336 Federal Federal GW APD PRICKLY PEAR UF 1-10D-12-15 9 1208 150E 4300750336 Federal Federal GW APD PRICKLY PEAR UF 1-10D-12-15 9 1208 150E 4300750346 Federal Federal GW APD PRICKLY PEAR UF 1-10D-12-15 9 1208 150E 4300750346 Federal Federal GW APD PRICKLY PEAR UF 1-10D-12-15 9 1208 150E 4300750346 Federal Federal GW APD PRICKLY PEAR UF			_						
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PRICKLY PEAR UF 10-20D-12-15						ļ			
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PRICKLY PEAR UF 2-9D-12-15         9 120S         150E         4300750346         Federal         Federal         GW         APD           PRICKLY PEAR UF 1-24D-12-1         24 120S         150E         4300750348         Federal         Federal         GW         APD           PRICKLY PEAR UF 9-13D-12-15         13 120S         150E         4300750349         Federal         Federal         GW         APD           PRICKLY PEAR U FED 7-21D-12-15         21 120S         150E         4300750055         14794         Federal         GW         OPS           PRICKLY PEAR US 1A-16D-12-15         9 120S         150E         4300750192         14794         State         Federal         GW         OPS           PRICKLY PEAR US 2A-16D-12-15         9 120S         150E         4300750193         14794         State         Federal         GW         OPS           PRICKLY PEAR US 2-16D-12-15         9 120S         150E         4300750194         14794         State         Federal         GW         OPS           PRICKLY PEAR UF 9A-9D-12-15         9 120S         150E         4300750196         14794         Federal         GW         OPS           PRICKLY PEAR UF 10-9D-12-15         9 120S         150E         4300750197         14794 </td <td></td> <td></td> <td></td> <td></td> <td></td> <td>Federal</td> <td></td> <td></td> <td>APD</td>						Federal			APD
PRICKLY PEAR UF 1-24D-12-1         24 120S         150E         4300750348         Federal         Federal         GW         APD           PRICKLY PEAR UF 9-13D-12-15         13 120S         150E         4300750349         Federal         Federal         GW         APD           PRICKLY PEAR U FED 7-21D-12-15         21 120S         150E         4300750055         14794         Federal         GW         OPS           PRICKLY PEAR US 1A-16D-12-15         9 120S         150E         4300750192         14794         State         Federal         GW         OPS           PRICKLY PEAR US 2A-16D-12-15         9 120S         150E         4300750193         14794         State         Federal         GW         OPS           PRICKLY PEAR US 2-16D-12-15         9 120S         150E         4300750194         14794         State         Federal         GW         OPS           PRICKLY PEAR UF 9A-9D-12-15         9 120S         150E         4300750196         14794         Federal         GW         OPS           PRICKLY PEAR UF 10-9D-12-15         9 120S         150E         4300750196         14794         Federal         GW         OPS           PRICKLY PEAR UF 10-9D-12-15         9 120S         150E         4300750197         14794 <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>									
PRICKLY PEAR UF 9-13D-12-15         13         120S         150E         4300750349         Federal         Federal         GW         APD           PRICKLY PEAR U FED 7-21D-12-15         21         120S         150E         4300750055         14794         Federal         GW         OPS           PRICKLY PEAR US 1A-16D-12-15         9         120S         150E         4300750192         14794         State         Federal         GW         OPS           PRICKLY PEAR US 2A-16D-12-15         9         120S         150E         4300750193         14794         State         Federal         GW         OPS           PRICKLY PEAR US 2-16D-12-15         9         120S         150E         4300750194         14794         State         Federal         GW         OPS           PRICKLY PEAR UF 9A-9D-12-15         9         120S         150E         4300750196         14794         Federal         GW         OPS           PRICKLY PEAR UF 10-9D-12-15         9         120S         150E         4300750196         14794         Federal         GW         OPS           PRICKLY PEAR UF 10-9D-12-15         9         120S         150E         4300750197         14794         Federal         GW         OPS									APD
PRICKLY PEAR U FED 7-21D-12-15         21 120S         150E         4300750055         14794         Federal         GW         OPS           PRICKLY PEAR US 1A-16D-12-15         9 120S         150E         4300750192         14794         State         Federal         GW         OPS           PRICKLY PEAR US 2A-16D-12-15         9 120S         150E         4300750193         14794         State         Federal         GW         OPS           PRICKLY PEAR US 2-16D-12-15         9 120S         150E         4300750194         14794         State         Federal         GW         OPS           PRICKLY PEAR UF 9A-9D-12-15         9 120S         150E         4300750196         14794         Federal         GW         OPS           PRICKLY PEAR UF 10-9D-12-15         9 120S         150E         4300750197         14794         Federal         GW         OPS									APD
PRICKLY PEAR US 1A-16D-12-15         9 120S         150E         4300750192         14794         State         Federal         GW         OPS           PRICKLY PEAR US 2A-16D-12-15         9 120S         150E         4300750193         14794         State         Federal         GW         OPS           PRICKLY PEAR US 2-16D-12-15         9 120S         150E         4300750194         14794         State         Federal         GW         OPS           PRICKLY PEAR UF 9A-9D-12-15         9 120S         150E         4300750196         14794         Federal         GW         OPS           PRICKLY PEAR UF 10-9D-12-15         9 120S         150E         4300750197         14794         Federal         GW         OPS	PRICKLY PEAR UF 9-13D-12-15								
PRICKLY PEAR US 2A-16D-12-15         9 120S         150E         4300750193         14794         State         Federal         GW         OPS           PRICKLY PEAR US 2-16D-12-15         9 120S         150E         4300750194         14794         State         Federal         GW         OPS           PRICKLY PEAR UF 9A-9D-12-15         9 120S         150E         4300750196         14794         Federal         GW         OPS           PRICKLY PEAR UF 10-9D-12-15         9 120S         150E         4300750197         14794         Federal         GW         OPS	PRICKLY PEAR U FED 7-21D-12-15								
PRICKLY PEAR US 2-16D-12-15         9 120S         150E         4300750194         14794         State         Federal         GW         OPS           PRICKLY PEAR UF 9A-9D-12-15         9 120S         150E         4300750196         14794         Federal         Federal         GW         OPS           PRICKLY PEAR UF 10-9D-12-15         9 120S         150E         4300750197         14794         Federal         Federal         GW         OPS	PRICKLY PEAR US 1A-16D-12-15								
PRICKLY PEAR UF 9A-9D-12-15         9 120S         150E         4300750196         14794 Federal         Federal         GW         OPS           PRICKLY PEAR UF 10-9D-12-15         9 120S         150E         4300750197         14794 Federal         Federal         GW         OPS	PRICKLY PEAR US 2A-16D-12-15						Federal	GW	OPS
PRICKLY PEAR UF 10-9D-12-15 9 120S 150E 4300750197 14794 Federal Federal GW OPS	PRICKLY PEAR US 2-16D-12-15						Federal	GW	OPS
	PRICKLY PEAR UF 9A-9D-12-15		150E	4300750196	14794	Federal	Federal	GW	OPS
PRICKLY PEAR UF 10A-9D-12-15 9   120S   150E   4300750198   14794   Federal   Federal   GW   OPS	PRICKLY PEAR UF 10-9D-12-15	9 120S	150E	4300750197	14794	Federal	Federal	GW	OPS
	PRICKLY PEAR UF 10A-9D-12-15	9 120S	150E	4300750198	14794	Federal	Federal	GW	OPS

Well Name	G TUDI		ear Unit	3.61 1.7	G C T	*** 11 m	TTT 11 0
Well Name				Mineral Lease		Well Type	Well Status
PRICKLY PEAR UF 14-9D-12-15	9 1208	·	0199 14794		Federal	GW	OPS
PRICKLY PEAR UF 14A-9D-12-15	9 1208	<del></del>	0200 14794		Federal	GW	OPS
PRICKLY PEAR UF 15-9D-12-15	9 1208		0201 14794		Federal	GW	OPS
PRICKLY PEAR UF 15A-9D-12-15	9 1208		0203 14794	l	Federal	GW	OPS
PRICKLY PEAR UF 16A-9D-12-15	9 1208		0204 14794		Federal	GW	OPS
STONE CABIN FED 2-B-27	27 120S		0018 14794		Federal	GW	P
PRICKLY PEAR ST 16-15	16 120S		0522 14794		State	GW	P
PRICKLY PEAR UNIT 21-2	21 120S		0828 14794	<u></u>	Federal	GW	P
PRICKLY PEAR U ST 13-16	16 120S		0933 14794		State	GW	P
PRICKLY PEAR U ST 11-16	16 120S		0944 14794	State	State	GW	P
PRICKLY PEAR U ST 7-16	16 120S	150E 430073	0945 14794	State	State	GW	P
PRICKLY PEAR U FED 7-25	25 120S	150E 430073	0954 14794	Federal	Federal	GW	P
PRICKLY PEAR U ST 36-06	36 120S	150E 430073	1018   14794	State	State	GW	P
PRICKLY PEAR U FED 13-23-12-15	23 120S	150E 430073	1073 14794	Federal	Federal	GW	P
PRICKLY PEAR U FED 1-27D-12-15	23 120S	150E 430073	1074 14794	Federal	Federal	GW	P
PRICKLY PEAR U FED 3-26D-12-15	23 120S	150E 430073	1075 14794	Federal	Federal	GW	P
PRICKLY PEAR U FED 15-22D-12-15	23 120S	150E 430073	1076 14794	Federal	Federal	GW	P
PRICKLY PEAR U FED 3-28D-12-15	21 120S	150E 430073	1121 14794	Federal	Federal	GW	P
PRICKLY PEAR U FED 15-21-12-15	21 120S	150E 430073	1164 14794	Federal	Federal	GW	P
PRICKLY PEAR U FED 13-21D-12-15	21 120S		1166 14794		Federal	GW	P
PRICKLY PEAR U FED 11-17D-12-15	17 120S	<del></del>	1184 14794	<del> </del>	Federal	GW	P
PRICKLY PEAR U FED 7-22D-12-15	22 120S		1186 14794		Federal	GW	P
PRICKLY PEAR U FED 3-22-12-15	22 120S		1187 14794		Federal	GW	P
PRICKLY PEAR U FED 5-22D-12-15	22 120S		1188 14794		Federal	GW	P
PRICKLY PEAR 11-15D-12-15	22 120S		1189 14794	· · · · · · · · · · · · · · · · · · ·	Federal	GW	P
PRICKLY PEAR U FED 9-18D-12-15	18 120S		1192 14794	- <del></del>	Federal	GW	P
PRICKLY PEAR U FED 15-18-12-15	18 120S		1193 14794		Federal	GW	P
PRICKLY PEAR U FED 16-27D-12-15	27 120S		1194 15569	<del></del>	Federal	GW	P
PRICKLY PEAR U FED 12-27D-12-15	27 120S		1195 15568		Federal	GW	P
PRICKLY PEAR U FED 9-20D-12-15	20 120S		1193 13308		Federal	GW	P
PRICKLY PEAR U FED 7-20-12-15	20 120S		1197 14794		Federal	GW	P
PRICKLY PEAR U FED 1-20-12-15	20 120S		1206 14794		Federal		P
PRICKLY PEAR U ST 4-36-12-15	36 120S		1200 14794 1227 14794			GW	
PRICKLY PEAR U FED 4-27D-12-15	22 120S	150E 430073			State	GW	P
PRICKLY PEAR U FED 13-22-12-15					Federal	GW	P
		150E 430073			Federal	GW	P
PRICKLY PEAR U FED 3-27D-12-15		150E 430073			Federal	GW	P
PRICKLY PEAR U ST 9-16-12-15		150E 430073			State	GW	P
PRICKLY PEAR U FED 9-28D-12-15	28 120S	150E 430073			Federal	GW	P
PRICKLY PEAR U FED 5-27D-12-15			1242 14794	<del> </del>	Federal	GW	P
PRICKLY PEAR U FED 1-28-12-15	28 120S		1243 14794		Federal	GW	P
PRICKLY PEAR U FED 8-28D-12-15	28 120S		1244 14794	<del></del> .	Federal	GW	P
PRICKLY PEAR U ST 1-16-12-15	16 120S		1245 14794	<del></del>	State	GW	P
PPU FED 11-18D-12-15			1257 14794	·	Federal	GW	P
PPU FED 11-20D-12-15			1258 14794	<del></del>	Federal	GW	P
PPU FED 4-25D-12-15	<del></del>		1259 14794	Federal	Federal	GW	P
PPU FED 12-25D-12-15			1260 16068	<del>i</del>	Federal	GW	P
PPU FED 14-26D-12-15	35 120S		1282 16224	Federal	Federal	GW	P
PPU FED 2-35-12-15	35 120S		283 14794	Federal	Federal	GW	P
PPU FED 10-26D-12-15	35 120S	150E 430073	284 14794	Federal	Federal	GW	P
PPU FED 9-17-12-15	17 120S	150E 430073	287 14794	Federal	Federal	GW	P
PPU FED 1-17D-12-15	17 120S	150E 430073	288 14794	Federal	Federal	GW	P
PPU FED 7-17D-12-15		150E 430073			Federal	GW	P
PPU FED 1-18D-12-15		150E 430073				GW	P
PPU FED 7-18D-12-15		150E 430073				GW	P
PPU FED 5-17D-12-15		150E 430073				GW	P
PPU FED 10-17D-12-15		150E 430073				GW	P
		, 120070	,				-

		Prickly Pear U					
Well Name	Sec TWN	RNG API Number	Entity Miner	al Lease	Surface Lease	Well Type	Well Status
PPU FED 8-17D-12-15	17 120S	150E 4300731308			Federal	GW	P
PPU FED 12-17D-12-15	17 120S	150E 4300731309	14794 Feder	al	Federal	GW	P
PPU FED 13-17D-12-15	17 120S	150E 4300731310	14794 Feder	al	Federal	GW	P
PPU FED 14-17D-12-15	17 120S	150E 4300731311	14794 Feder	al	Federal	GW	P
PPU FED 16-18D-12-15	17 120S	150E 4300731312	14794 Feder	al	Federal	GW	P
PPU FED 8-18D-12-15	18 120S	150E 4300731313	14794 Feder	al	Federal	GW	P
PPU FED 3-18D-12-15	18 120S	150E 4300731314			Federal	GW	P
PPU FED 4-18-12-15	18 120S	150E 4300731315			Federal	GW	P
PPU FED 5-18D-12-15	+	150E 4300731316			Federal	GW	P
PPU FED 6-18D-12-15		150E 4300731317			Federal	GW	P
PPU FED 16-17D-12-15	+ +	150E 4300731321			Federal	GW	P
PPU ST 15-16D-12-15	16 120S	150E 4300731322			State	GW	P
PPU ST 16-16D-12-15		150E 4300731323			State	GW	P
PPU ST 14-16D-12-15		150E 4300731324			State	GW	P
PPU FED 3-21D-12-15		150E 4300731328			Federal	GW	P
PPU FED 4-21D-12-15	21 120S	150E 4300731329		_	Federal	GW	P
PPU FED 13-15D-12-15	<del> </del>	150E 4300731329 150E 4300731358			Federal	GW	P
PPU FED 14-15D-12-15	22 120S 22 120S	150E 4300731359			Federal	GW	P
PPU FED 4-22D-12-15	22 120S 22 120S	150E 4300731359			Federal	GW	P
PPU FED 6-22D-12-15	22 120S	150E 4300731361				GW	P
PPU FED 2-28D-12-15	<del></del>				Federal		P
PPU FED 16X-21D-12-15					Federal	GW	
The state of the s	<del></del>	150E 4300731363			Federal	GW	P
PPU FED 5A-27D-12-15		150E 4300731364			Federal	GW	P
PPU FED 1AA 18D 12-15	28 120S	150E 4300731368			Federal	GW	P
PPU FED 14A-18D-12-15	<u> </u>	150E 4300731393			Federal	GW	P
PPU FED 10-18D-12-15	<del></del>	150E 4300731394			Federal	GW	P
PPU FED 15A-18D-12-15		150E 4300731395			Federal	GW	P
PPU FED 16A-18D-12-15		150E 4300731396			Federal	GW	P
PPU FED 12-22D-12-15	·	150E 4300731398			Federal	GW	P
PPU FED 11-22D-12-15		150E 4300731399			Federal	GW	P
PPU FED 14-22D-12-15	·	150E 4300731400			Federal	GW	P
PPU FED 4A-27D-12-15		150E 4300731401			Federal	GW	P
PPU FED 11-21D-12-15		150E 4300731412			Federal	GW	P
PPU FED 6-21D-12-15		150E 4300731413			Federal	GW	P
PPU FED 12-21D-12-15	·	150E 4300731414			Federal	GW	P
PPU FED 8-20D-12-15		150E 4300731419			Federal	GW	P
PPU FED 1A-20D-12-15		150E 4300731420			Federal	GW	P
PPU FED 2-20D-12-15		150E 4300731421		<b>il</b> ]	Federal	GW	P
PPU ST 7A-16D-12-15	<del></del>	150E 4300731422		!	State	GW	P
PPU ST 6-16D-12-15		150E 4300731423			State	GW	P
PPU ST 10A-16D-12-15		150E 4300731424			State	GW	P
PPU ST 3-16D-12-15	16 120S	150E 4300731425	14794 State		State	GW	P
PPU FED 5-21D-12-15	21 120S	150E 4300731451	14794 Federa	ıl [1	Federal	GW	P
PPU ST 8-16D-12-15	16 120S	150E 4300731455	14794 State		State	GW	P
PPU ST 12-16D-12-15	16 120S	150E 4300731456	14794 State			GW	P
PPU ST 12A-16D-12-15		150E 4300731457				GW	P
PPU ST 15A-16D-12-15		150E 4300731458				GW	P
PPU ST 10-16D-12-15		150E 4300731459				GW	P
PPU ST 11A-16D-12-15		150E 4300731460				GW	P
PPU ST 13A-16D-12-15	- i	150E 4300731461				GW	P
PPU FED 10-7D-12-15		150E 4300731470				GW	P
PPU FED 15-7D-12-15	<del> </del>	150E 4300731471				GW	P
PPU FED 9-7D-12-15		150E 4300731471 1				GW	P
PPU FED 16-7D-12-15		150E 4300731472				GW	<u>г</u> Р
PPU ST 6A-16D-12-15	<del></del>	150E 4300731477				GW	P P
PPU ST 4-16D-12-15	·	150E 4300731477					
110014-100-12-13	10 1205	130E 4300/314/8	14/94 State		State	GW	P

			y Pear Unit				
Well Name	Sec TWN	RNG API N	lumber Entit	y Mineral Lease	Surface Lease	Well Type	Well Status
PPU ST 4A-16D-12-15	16 120S	·	731479 1479		State	GW	P
PPU ST 5A-16D-12-15	16 120S		731480 1479		State	GW	P
PPU ST 3A-16D-12-15	16 120S		731481 1479		State	GW	P
PPU ST 16A-16D-12-15	16 120S		731484 1479		State	GW	P
PPU ST 9A-16D-12-15	16 120S		731485 1479		State	GW	P
PPU ST 16B-16D-12-15	16 120S		731514 1479		State	GW	P
PPU ST 14B-16D-12-15	16 120S	150E 4300	731515 1479	94 State	State	GW	P
PPU ST 13B-16D-12-15	16 120S	150E 4300	731516 1479	94 State	State	GW	P
PRICKLY PEAR U FED 9-22D-12-15	22 120S		750041 1479		Federal	GW	P
PRICKLY PEAR U FED 10-22D-12-15	22 120S	150E 4300	750042 1479	4 Federal	Federal	GW	P
PRICKLY PEAR U FED 16-22D-12-15	22 120S	150E 4300	750043 1479	4 Federal	Federal	GW	P
PRICKLY PEAR U FED 2-27D-12-15	22 120S	150E 4300	750044   1479	4 Federal	Federal	GW	P
PRICKLY PEAR U FED 16-15D-12-15	15 120S	150E 4300	750045 1479	4 Federal	Federal	GW	P
PRICKLY PEAR U FED 15-15D-12-15	15 120S	150E 4300	750046 1479	4 Federal	Federal	GW	P
PRICKLY PEAR U FED 10-15D-12-15	15 120S	150E 4300	750047 1479	4 Federal	Federal	GW	P
PRICKLY PEAR U FED 9-15D-12-15	15 120S	150E 4300	750048 1479	4 Federal	Federal	GW	P
PRICKLY PEAR U FED 11A-15D-12-15	15 120S	150E 4300	750049 1479	4 Federal	Federal	GW	P
PRICKLY PEAR U FED 1-21D-12-15	21 120S	150E 4300°	750050 1479	4 Federal	Federal	GW	P
PRICKLY PEAR U FED 2-21D-12-15	21 120S	150E 4300°	750051 1479	4 Federal	Federal	GW	P
PRICKLY PEAR U FED 2A-21D-12-15	21 120S	150E 4300°	750052 1479	4 Federal	Federal	GW	P
PRICKLY PEAR U FED 4A-22D-12-15	21 120S	150E 4300°	750053 1479	4 Federal	Federal	GW	P
PRICKLY PEAR U FED 5A-22D-12-15	21 120S	150E 4300°	750054 1479	4 Federal	Federal	GW	P
PRICKLY PEAR U FED 7A-21D-12-15	21 120S	150E 4300°	750056 1479	4 Federal	Federal	GW	P
PRICKLY PEAR U FED 8-21D-12-15	21 120S	150E 4300°	750057 1479	4 Federal	Federal	GW	P
PRICKLY PEAR U FED 8A-21D-12-15	21 120S		750058 1479		Federal	GW	P
PRICKLY PEAR U FED 16-8D-12-15	8 120S		750059 1479		Federal	GW	P
PRICKLY PEAR U FED 15-8D-12-15			750060 1479		Federal	GW	P
PRICKLY PEAR U FED 2-17D-12-15			750061 1479		Federal	GW	P
PRICKLY PEAR U FED 1A-17D-12-15			750062 1479		Federal	GW	P
PRICKLY PEAR U FED 1-22D-12-15			750076 1479		Federal	GW	P
PRICKLY PEAR U FED 2-22D-12-15		<del></del>	750077 1479		Federal	GW	P
PRICKLY PEAR U FED 8-22D-12-15			750078 1479		Federal	GW	P
PRICKLY PEAR U FED 3-17D-12-15			750079 1479	· · · · · · · · · · · · · · · · · · ·	Federal	GW	P
PRICKLY PEAR U FED 3A-17D-12-15			750080 1479		Federal	GW	P
			750081 1479			GW	P
PRICKLY PEAR U FED 4A-17D-12-15			750082 1479		Federal	GW	P
PRICKLY PEAR U FED 5A-17D-12-15			750083 1479			GW	P
PRICKLY PEAR U FED 6-17D-12-15			750084 1479			GW	P
PRICKLY PEAR U FED 6A-17D-12-15			750085 1479		Federal	GW	P
PRICKLY PEAR U FED 7A-17D-12-15			750086 1479		Federal	GW	P
PRICKLY PEAR U FED 9-12D-12-14			750088 1479		Federal	GW	P
PRICKLY PEAR U FED 10-12D-12-14			750089 1479				P
PRICKLY PEAR U FED 15-12D-12-14			750090 1479	<del></del>			P
PRICKLY PEAR U FED 16-12D-12-14		<del></del>	750091 1479				P
PRICKLY PEAR U FED 3-20D-12-15			750098 1479			GW	P
PRICKLY PEAR U FED 3A-20D-12-15			750098 1479 750099 1479	<del></del>			P .
PRICKLY PEAR U FED 4-20D-12-15			750100 1479				P P
PRICKLY PEAR U FED 4A-20D-12-15			750100 1479 750101 1479				<u>P</u>
PRICKLY PEAR U FED 5-20D-12-15			750101 1479 750102 1479				P I
PRICKLY PEAR U FED 5A-20D-12-15		<del></del>	750102 1479 750103 1479				P
PRICKLY PEAR U FED 6-20D-12-15			50103 1479 50104 1479				<u>Р</u> Р
PRICKLY PEAR U FED 6A-20D-12-15			50104 1479 50105 1479				
PRICKLY PEAR U FED 11A-20D-12-15			30103 1479 30106 1479	_ t			P
PRICKLY PEAR U FED 12A-20D-12-15			50106 1479				P
PRICKLY PEAR U FED 13A-17D-12-15							P
PRICKLY PEAR UF 7A-18D-12-15			50108 1479				P
I MICKL I FEAR OF /A-18D-12-13	17 120S	130E 43007	50136 1479	+ rederal	Federal_	GW	P

Well Name PRICKLY PEAR UF 8A-18D-12-15	Sec TWN	DNG			1			
DDICKLY DEAD HE GA 10D 12 15	500 1 1111	KNG	API Number	Entity	Mineral Lease	Surface Lease	Well Type	Well Status
	17 120S	150E	4300750137	14794	Federal	Federal	GW	P
PRICKLY PEAR UF 9A-18D-12-15	17 120S	150E	4300750138	14794	Federal	Federal	GW	P
PRICKLY PEAR UF 12-20D-12-15	20 120S	150E	4300750139	14794	Federal	Federal	GW	P
PRICKLY PEAR UF 16A-8D-12-15	8 120S	150E	4300750140	14794	Federal	Federal	GW	P
PRICKLY PEAR UF 15A-8D-12-15	8 120S	150E	4300750141	14794	Federal	Federal	GW	P
PRICKLY PEAR UF 13A-9D-12-15	8 120S	150E	4300750142	14794	Federal	Federal	GW	P
PRICKLY PEAR UF 13-9D-12-15	8 120S	150E	4300750143	14794	Federal	Federal	GW	P
PRICKLY PEAR UF 12-9D-12-15	8 120S	150E	4300750144	14794	Federal	Federal	GW	P
PRICKLY PEAR UF 10-8D-12-15	8 120S	150E	4300750145	14794	Federal	Federal	GW	P
PRICKLY PEAR UF 9-8D-12-15	8 120S	150E	4300750146	14794	Federal	Federal	GW	P
PRICKLY PEAR UF 2A-17D-12-15	8 120S	150E	4300750147	14794	Federal	Federal	GW	P
PRICKLY PEAR UF 1A-22D-12-15	22 120S	150E	4300750171	14794	Federal	Federal	GW	P
PRICKLY PEAR UF 2A-22D-12-15	22 120S	150E	4300750172	14794	Federal	Federal	GW	P
PRICKLY PEAR UF 6A-22D-12-15	22 120S	150E	4300750173	14794	Federal	Federal	GW	P
PRICKLY PEAR UF 7A-22D-12-15	22 120S	150E	4300750174	14794	Federal	Federal	GW	P
PRICKLY PEAR UF 8A-22D-12-15	22 120S	150E	4300750175	14794	Federal	Federal	GW	P
PRICKLY PEAR UF 14B-15D-12-15	22 120S	150E	4300750176	14794	Federal	Federal	GW	P
PRICKLY PEAR UF 9-9D-12-15	9 120S	150E	4300750195	14794	Federal	Federal	GW	P
PRICKLY PEAR UF 16-9D-12-15	9 120S	150E	4300750202	14794	Federal	Federal	GW	P
PRICKLY PEAR UF 8-14D-12-15	14 120S	150E	4300750216	18289	Federal	Federal	GW	P
PRICKLY PEAR UF 15-14D-12-15	14 120S	150E	4300750221	18290	Federal	Federal	GW	P
PRICKLY PEAR U ST 5-16	16 120S	150E	4300730943	14794	State	State	GW	S
PRICKLY PEAR U FED 7-28D-12-15	21 120S	150E	4300731165	14794	Federal	Federal	GW	S
PRICKLY PEAR U FED 15-17-12-15	17 120S	150E	4300731183	14794	Federal	Federal	GW	S
PRICKLY PEAR U FED 10-27-12-15	27 120S	150E	4300731196	15570	Federal	Federal	GW	S
PPU FED 4-35D-12-15	35 120S	150E	4300731285	16223	Federal	Federal	GW	S
PRICKLY PEAR U FED 12A-17D-12-15	17 120S	150E	4300750087	14794	Federal	Federal	GW	S

**STATE OF UTAH**DEPARTMENT OF NATURAL RESOURCES

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DIVISION OF OIL, GAS AND MINING	5. LEASE DESIGNATION AND SERIAL NUMBER: (see attached well list)
SUNDRY NOTICES AND REPORTS ON WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME: N/A
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	7. UNIT or CA AGREEMENT NAME:
drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.  1. TYPE OF WELL OIL WELL GAS WELL OTHER	8. WELL NAME and NUMBER:
2. NAME OF OPERATOR:	(see attached well list)  9. API NUMBER:
ENERVEST OPERATING, LLC	
3. ADDRESS OF OPERATOR: 1001 FANNIN, ST. STE 800 CITY HOUSTON STATE TX ZIP 77002 PHONE NUMBER: (713) 659-3500	10. FIELD AND POOL, OR WILDCAT:
4. LOCATION OF WELL	
FOOTAGES AT SURFACE: (see attached well list)	COUNTY:
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:	STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPO	RT, OR OTHER DATA
TYPE OF SUBMISSION TYPE OF ACTION	[]
NOTICE OF INTENT	REPERFORATE CURRENT FORMATION
(Submit in Duplicate)	SIDETRACK TO REPAIR WELL  TEMPORARILY ABANDON
1/1/2014 CHANGE TO PREVIOUS PLANS OPERATOR CHANGE	TUBING REPAIR
CHANGE TUBING PLUG AND ABANDON	VENT OR FLARE
SUBSEQUENT REPORT CHANGE WELL NAME PLUG BACK	WATER DISPOSAL
(Submit Original Form Only)  CHANGE WELL STATUS  PRODUCTION (START/RESUME)	WATER SHUT-OFF
Date of work completion:  COMMINGLE PRODUCING FORMATIONS RECLAMATION OF WELL SITE	OTHER:
CONVERT WELL TYPE RECOMPLETE - DIFFERENT FORMATION	
DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volume ENERVEST OPERATING, LLC IS SUBMITTING THIS SUNDRY AS NOTIFICATION THAT ATTACHED LIST HAVE BEEN SOLD TO ENERVEST OPERATING, LLC BY BILL BILL BASEFECTIVE 1/1/2014. PLEASE REFER ALL FUTURE CORRESPONDENCE TO THE ADENEVEST Operating, L.L.C.  1001 Fannin, Suite 800 Houston, Texas 77002 713-659-3500 (BLM BOND # PLB 1884), STATE/FEE BOND # B 15832/	THE WELLS LISTED ON THE
(SEM BOND II, OINTEN EE BOND II	
BILL BARRETT CORPORATION ENERVEST OPERAT	ING, LLC
Duane ZavadiAME (PLEASE PRINT) ROWNE L YOU	NAME (PLEASE PRINT)
Non 2012 SIGNATURE Tonne L. La	SIGNATURE
Senior Vice President - DIRECTOR - REGUL	ATORY
DONNIE VOLING DIDECTOR DE	CHIATORY
NAME (PLEASE PRINT) RONNIE TOUNG TITLE DIRECTOR - RE	COLATORI
SIGNATURE DATE 12/10/2013	
(This space for State use on APPROVED	RECEIVED
JAN 2 8 2013 4-RE	JAN <b>07</b> 2014
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DU OIL GAS & MINING OF O

Well Name	Sec	TWN	RNG	API Number	Entity Lease	Well T	ype   Well Status	Unit
JACK CANYON UNIT 8-32	32	120S	<del>'</del>	4300730460	15167 State	WI	A	
JACK CYN U ST 14-32	32	120S	160E	4300730913	15166 State	WD	A	
PRICKLY PEAR U FED 12-24	24	120S	140E	4300730953	14467 Federal	WD	A	
PPU FED 11-23D-12-15	23	120S	150E	4300731440	Federal	GW	APD	PRICKLY PEAR
PPU FED 4-26D-12-15	23	120S	150E	4300731441	Federal	GW	APD	PRICKLY PEAR
PPU FED 14-23D-12-15	23	120S		4300731442	Federal	GW	APD	PRICKLY PEAR
PPU FED 12-23D-12-15	23	120S	150E	4300731443	Federal	GW	APD	PRICKLY PEAR
PPU FED 11-34D-12-16	34	120S	160E	4300731465	Federal	GW	APD	PETERS POINT
PPU FED 10-34D-12-16	34	120S	160E	4300731469	Federal	GW	APD	PETERS POINT
HORSE BENCH FED 4-27D-12-16	27	120S	160E	4300750092	Federal	GW	APD	
HORSE BENCH FED 5-27D-12-16	27	120S		4300750093	Federal	GW	APD	
PRICKLY PEAR U FED 12-7D-12-15	07	120S	150E	4300750094	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR U FED 11-7D-12-15	07	120S		4300750095	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR U FED 13-7D-12-15	07	120S		4300750096	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR U FED 14-7D-12-15	07	120S	150E	4300750097	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 11-8D-12-15	08	120S	150E	4300750124	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 12-8D-12-15	08	120S	150E	4300750125	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 13-8D-12-15	08	120S		4300750126	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 14-8D-12-15	08	120S		4300750127	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 9-21D-12-15	21	120S		4300750128	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 9A-21D-12-15	21	120S		4300750129	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 10-21D-12-15	21	120S		4300750130	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 10A-21D-12-15	21	120S		4300750131	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 15A-21D-12-15	21	120S	150E	4300750132	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 15X-21D-12-15	21	120S		4300750133	Federal .	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 16-21D-12-15	21	120S		4300750134	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 16A-21D-12-15	21	120S		4300750135	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 13A-22D-12-15	21	120S	150E	4300750148	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 1A-27D-12-15	22	120S	150E	4300750161	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 2A-27D-12-15	22	120S	150E	4300750162	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 3A-27D-12-15	22	120S	150E	4300750163	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 9A-22D-12-15	22	120S	150E	4300750164	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 10A-22D-12-15	22	120S	150E	4300750165	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 11A-22D-12-15	22	120S	150E	4300750166	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 12A-22D-12-15	22	120S	150E	4300750167	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 14A-22D-12-15	22	120S	150E	4300750168	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 15A-22D-12-15	22	120S	150E	4300750169	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 16A-22D-12-15	22	120S	150E	4300750170	Federal	GW	APD	PRICKLY PEAR
PETERS POINT UF 15X-36D-12-16	36	120S	160E	4300750178	Federal	GW	APD	PETERS POINT
PRICKLY PEAR UF 15A-15D-12-15	15	120S	150E	4300750180	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 11B-15D-12-15	15	120S	150E	4300750181	Federal	GW	APD	PRICKLY PEAR
PETERS POINT UF 10-1D-13-16	36	120S	160E	4300750182	Federal	GW	APD	PETERS POINT
PETERS POINT UF 9-1D-13-16	36	120S	160E	4300750183	Federal	GW	APD	PETERS POINT
PRICKLY PEAR UF 16A-15D-12-15	15	120S	150E	4300750184	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 3A-18D-12-15	07	120S	150E	4300750185	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 4A-18D-12-15	07	120S	150E	4300750186	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 11A-7D-12-15	07	120S	150E	4300750187	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 2-18D-12-15	07	120S	150E	4300750188	Federal	GW	APD	PRICKLY PEAR

PRICKLY PEAR UF 12A-7D-12-15	07	120S	150E 4300750189	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 13A-7D-12-15	07	120S	150E 4300750190	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 14A-7D-12-15	07	120S	150E 4300750191	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR FEDERAL 1-12D-12-14	12	120S	140E 4300750205	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 2-12D-12-14	12	120S	140E 4300750206	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 7-12D-12-14	12	120S	140E 4300750207	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 7A-12D-12-14	12	120S	140E 4300750208	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 8-12D-12-14	12	120S	140E 4300750209	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 4-7D-12-15	12	120S	140E 4300750210	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 5-7D-12-15	12	120S	140E 4300750211	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 8A-12D-12-14	12	120S	140E 4300750212	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 5A-7D-12-15	12	120S	140E 4300750213	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 7-14D-12-15	14	120S	150E 4300750214	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 7A-14D-12-15	14	120S	150E 4300750215	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 9-14D-12-15	14	120S	150E 4300750217	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 9A-14D-12-15	14	120S	150E 4300750218	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 10-14D-12-15	14	120S	150E 4300750219	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 10A-14D-12-15	14	120S	150E 4300750220	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 15A-14D-12-15	14	120S	150E 4300750222	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 16-14D-12-15	14	120S	150E 4300750223	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 16A-14D-12-15	14	120S	150E 4300750224	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 1A-18D-12-15	07	120S	150E 4300750225	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 2A-18D-12-15	07	120S	150E 4300750226	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 9A-7D-12-15	07	120S	150E 4300750227	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 10A-7D-12-15	07	120S	150E 4300750228	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 15A-7D-12-15	07	120S	150E 4300750229	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 16A-7D-12-15	07	120S	150E 4300750230	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 9A-12D-12-14	12	120S	140E 4300750233	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 10A-12D-12-14	12	120S	140E 4300750234	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 15A-12D-12-14	12	120S	140E 4300750235	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 12A-8D-12-15	08	120S	150E 4300750236	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 16A-12D-12-14	12	120S	140E 4300750237	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 11A-8D-12-15	08	120S	150E 4300750238	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 13A-8D-12-15	08	120S	150E 4300750239	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 14A-8D-12-15	08	120S	150E 4300750240	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 5A-8D-12-15	08	120S	150E 4300750260	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 6A-8D-12-15	08	120S	150E 4300750261	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 4-8D-12-15	08	120S	150E 4300750262	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 3-8D-12-15	08	120S	150E 4300750263	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 2-8D-12-15	08	120S	150E 4300750264	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 7A-8D-12-15	08	120S	150E 4300750265	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 7-8D-12-15	08	120S	150E 4300750266	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 5-8D-12-15	08	120S	150E 4300750267	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 6-8D-12-15	08	120S	150E 4300750268	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 10A-8D-12-15	08	120S	150E 4300750269	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 9A-8D-12-15	08	120S	150E 4300750270	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 8-8D-12-15	08	120S	150E 4300750271	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 1-8D-12-15	08	120S	150E 4300750272	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 8A-8D-12-15	08	120S	150E 4300750273	Federal	GW	APD	PRICKLY PEAR

PRICKLY PEAR UF 5-9D-12-15	09	120S	150E 4300750274	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 5A-9D-12-15	09	120S	150E 4300750275	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 4-9D-12-15	09	120S	150E 4300750276	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 3-9D-12-15	09	120S	150E 4300750277	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 6A-9D-12-15	09	120S	150E 4300750278	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 11-9D-12-15	09	120S	150E 4300750279	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 12A-9D-12-15	09	120S	150E 4300750280	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 6-9D-12-15	09	120S	150E 4300750281	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 11A-9D-12-15	09	120S	150E 4300750282	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR US 1X-16D-12-15	10	120S	150E 4300750283	State	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 5A-15D-12-15	10	120S	150E 4300750284	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 6A-15D-12-15	10	120S	150E 4300750285	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 3-15D-13-15	10	120S	150E 4300750286	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 15A-10D-12-15	15	120S	150E 4300750287	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 13-10D-12-15	10	120S	150E 4300750288	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 15-10D-12-15	15	120S	150E 4300750289	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 16A-10D-12-15	15	120S	150E 4300750290	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 9-10D-12-15	15	120S	150E 4300750291	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 14A-10D-12-15	10	120S	150E 4300750292	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 10-10D-12-15	15	120S	150E 4300750293	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 16-10D-12-15	15	120S	150E 4300750294	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 13-11D-12-15	15	120S	150E 4300750295	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 13A-11D-12-15	15	120S	150E 4300750296	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 12-11D-12-15	15	120S	150E 4300750297	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 13A-10D-12-15	10	120S	150E 4300750298	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 12-10D-12-15	10	120S	150E 4300750299	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 11-10D-12-15	10	120S	150E 4300750300	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 3A-15D-12-15	10	120S	150E 4300750301	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 12-14D-12-15	14	120S	150E 4300750302	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 4-15D-12-15	10	120S	150E 4300750303	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 4A-15D-12-15	10	120S	150E 4300750304	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 14-10D-12-15	10	120S	150E 4300750305	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 9A-17D-12-15	17	120S	150E 4300750306	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 8A-17D-12-15	17	120S	150E 4300750307	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 10A-17D-12-15	17	120S	150E 4300750308	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 3-7D-12-15	07	120S	150E 4300750309	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 16A-17D-12-15	17	120S	150E 4300750310	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 6-7D-12-15	07	120S	150E 4300750311	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 15A-17D-12-15	17	120S	150E 4300750312	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 6A-7D-12-15	07	120S	150E 4300750313	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 7A-7D-12-15	07	120S	150E 4300750314	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 8A-7D-12-15	07	120S	150E 4300750315	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 6X-17D-12-15	17	120S	150E 4300750316	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 11A-17D-12-15	17	120S	150E 4300750317	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 15B-17D-12-15	17	120S	150E 4300750318	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 8A-20D-12-15	20	120S	150E 4300750319	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 1-7D-12-15	07	120S	150E 4300750320	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 7A-20D-12-15	20	120S	150E 4300750321	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 9A-20D-12-15	20	120S		Federal	GW	APD	PRICKLY PEAR
THE PERSON NAMED IN THE PERSON NAMED IN	_3						

PRICKLY PEAR UF 10A-20D-12-15	20	120S	150E 4300750323	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 10-20D-12-15	20	120S	150E 4300750324	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 2-7D-12-15	07	120S	150E 4300750325	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 14A-20D-12-15	20	120S	150E 4300750326	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 16A-20D-12-15	20	120S	150E 4300750327	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 15A-20D-12-15	20	120S	150E 4300750328	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 8-7D-12-15	07	120S	150E 4300750329	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 15-20D-12-15	20	120S	150E 4300750330	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 7-7D-12-15	07	120S	150E 4300750331	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 6-10D-12-15	09	120S	150E 4300750332	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 5A-10D-12-15	09	120S	150E 4300750333	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 11A-10D-12-15	09	120S	150E 4300750334	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 6A-10D-12-15	09	120S	150E 4300750335	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 5-10D-12-15	09	120S	150E 4300750336	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 12A-10D-12-15	09	120S	150E 4300750338	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 3-10D-12-15	09	120S	150E 4300750339	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 4-10D-12-15	09	120S	150E 4300750340	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 8-9D-12-15	09	120S	150E 4300750341	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 8A-9D-12-15	09	120S	150E 4300750342	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 7A-9D-12-15	09	120S	150E 4300750343	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 7-9D-12-15	09	120S	150E 4300750344	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 1-9D-12-15	09	120S	150E 4300750345	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 2-9D-12-15	09	120S	150E 4300750346	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 1-24D-12-1	24	120S	150E 4300750348	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 9-13D-12-15	13	120S	150E 4300750349	Federal	GW	APD	PRICKLY PEAR
HORSE BENCH FED 4-20D-12-17	19	120S	170E 4300750350	Federal	GW	APD	
Horse Bench Federal 16-18D-12-17	19	120S	170E 4300750351	Federal	GW	APD	
PPU FED 9-34D-12-16	34	120S	160E 4300731430	17225 Federal	GW	OPS	PETERS POINT
PPU FED 15-35D-12-16	35	120S	160E 4300731475	2470 Federal	GW	OPS	PETERS POINT
PETERS POINT U FED 12A-6D-13-17	31	120S	170E 4300750034	2470 Federal	GW	OPS	PETERS POINT
PETERS POINT U FED 11A-31D-12-17	31	120S	170E 4300750036	2470 Federal	GW	OPS	PETERS POINT
PRICKLY PEAR U FED 7-21D-12-15	21	120S	150E 4300750055	14794 Federal	GW	OPS	PRICKLY PEAR
PETERS POINT U FED 9-6D-13-17	06	130S	170E 4300750120	2470 Federal	GW	OPS	PETERS POINT
PETERS POINT U FED 14-6D-13-17	06	130S	170E 4300750121	2470 Federal	GW	OPS	PETERS POINT
PETERS POINT U FED 15-6D-13-17	06	130S	170E 4300750121	2470 Federal	GW	OPS	PETERS POINT
PETERS POINT UF 2-7D-13-17	06	130S	170E 4300750149	2470 Federal	GW	OPS	PETERS POINT
PETERS POINT UF 1-7D-13-17	06	130S	170E 4300750150	2470 Federal	GW	OPS	PETERS POINT
PRICKLY PEAR US 1A-16D-12-15	09	120S	150E 4300750192	14794 State	GW	OPS	PRICKLY PEAR
PRICKLY PEAR US 2A-16D-12-15	09	120S	150E 4300750192	14794 State	GW	OPS	PRICKLY PEAR
PRICKLY PEAR US 2-16D-12-15	09	120S	150E 4300750194	14794 State	GW	OPS	PRICKLY PEAR
PRICKLY PEAR UF 9A-9D-12-15	09	120S	150E 4300750194	14794 Federal	GW	OPS	PRICKLY PEAR
PRICKLY PEAR UF 10-9D-12-15	09	120S	150E 4300750190	14794 Federal	GW	OPS	PRICKLY PEAR
	09	120S	150E 4300750197	14794 Federal	GW	OPS	PRICKLY PEAR
PRICKLY PEAR UF 10A-9D-12-15					GW	OPS	PRICKLY PEAR
PRICKLY PEAR UF 14-9D-12-15	09	120S	150E 4300750199	14794 Federal	GW	OPS	PRICKLY PEAR PRICKLY PEAR
PRICKLY PEAR UF 14A-9D-12-15	09	120S	150E 4300750200	14794 Federal		OPS	PRICKLY PEAR PRICKLY PEAR
PRICKLY PEAR UF 15-9D-12-15	09	120S	150E 4300750201	14794 Federal	GW		
PRICKLY PEAR UF 15A-9D-12-15	09	120S	150E 4300750203	14794 Federal	GW	OPS	PRICKLY PEAR
PRICKLY PEAR UF 16A-9D-12-15	09	120S	150E 4300750204	14794 Federal	GW	OPS	PRICKLY PEAR
SHARPLES 1 GOVT PICKRELL	11	120S	150E 4300716045	7030 Federal	GW	. P	

STONE CABIN UNIT 1	13	120S	140E 4300716542	12052 Federal	GW	P	
STONE CABIN FED 1-11	11	120S	140E 4300730014	6046 Federal	GW	P	
STONE CABIN FED 2-B-27	27	120S	150E 4300730018	14794 Federal	GW	P	PRICKLY PEAR
JACK CANYON 101-A	33	120S	160E 4300730049	2455 Federal	GW	P	
PETERS POINT ST 2-2-13-16	02	130S	160E 4300730521	14387 State	GW	P	
PRICKLY PEAR ST 16-15	16	120S	150E 4300730522	14794 State	GW	P	PRICKLY PEAR
PETERS POINT U FED 36-2	36	120S	160E 4300730761	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 36-3	36	120S	160E 4300730762	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 36-4	36	120S	160E 4300730763	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 14-25D-12-16	36	120S	160E 4300730764	2470 Federal	GW	P	PETERS POINT
HUNT RANCH 3-4	03	120S	150E 4300730775	13158 State	GW	$\mathbf{P}_{\perp}$	
PETERS POINT U FED 4-31D-12-17	36	120S	160E 4300730810	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 16-26D-12-16	36	120S	160E 4300730812	2470 Federal	GW	P	PETERS POINT
PRICKLY PEAR UNIT 13-4	13	120S	140E 4300730825	14353 Federal	GW	P	
PRICKLY PEAR UNIT 21-2	21	120S	150E 4300730828	14794 Federal	GW	P	PRICKLY PEAR
PETERS POINT U FED 6-7D-13-17	06	130S	170E 4300730859	14692 Federal	GW	P	PETERS POINT
PETERS POINT ST 4-2-13-16	02	130S	160E 4300730866	14386 State	GW	P	
PRICKLY PEAR U ST 13-16	16	120S	150E 4300730933	14794 State	GW	P	PRICKLY PEAR
PRICKLY PEAR U ST 11-16	16	120S	150E 4300730944	14794 State	GW	P	PRICKLY PEAR
PRICKLY PEAR U ST 7-16	16	120S	150E 4300730945	14794 State	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 7-25	25	120S	150E 4300730954	14794 Federal	GW	P	PRICKLY PEAR
PETERS POINT U FED 16-35	35	120S	160E 4300730965	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 11-6-13-17	06	130S	170E 4300730982	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 16-6D-13-17	06	130S	170E 4300731004	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 16-31D-12-17	06	130S	170E 4300731005	2470 Federal	GW	P	PETERS POINT
PRICKLY PEAR U FED 5-13-12-14	13	120S	140E 4300731008	14897 Federal	GW	P	•
PETERS POINT U FED 12-31D-12-17	36	120S	160E 4300731009	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 2-36D-12-16	36	120S	160E 4300731010	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 9-36-12-16	36	120S	160E 4300731011	2470 Federal	GW	P	PETERS POINT
PRICKLY PEAR U ST 36-06	36	120S	150E 4300731018	14794 State	GW	P	PRICKLY PEAR
PETERS POINT U FED 8-35D-12-16	36	120S	160E 4300731024	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 4-12D-13-16	02	130S	160E 4300731049	14692 Federal	GW	P	PETERS POINT
PETERS POINT ST 5-2D-13-16 DEEP	02	130S	160E 4300731056	15909 State	GW	P	
PRICKLY PEAR U FED 13-23-12-15	23	120S	150E 4300731073	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 1-27D-12-15	23	120S	150E 4300731074	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 3-26D-12-15	23	120S	150E 4300731075	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 15-22D-12-15	23	120S	150E 4300731076	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 3-28D-12-15	21	120S	150E 4300731121	14794 Federal	GW	P	PRICKLY PEAR
PETERS POINT U FED 2-12D-13-16	06	130S	170E 4300731158	14692 Federal	GW	P	PETERS POINT
PRICKLY PEAR U FED 15-21-12-15	21	120S	150E 4300731164	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 7-28D-12-15	21	120S	150E 4300731165	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 13-21D-12-15	21	120S	150E 4300731166	14794 Federal	GW	P	PRICKLY PEAR
PETERS POINT U FED 10-36D-12-16	36	120S	160E 4300731174	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 12-36D-12-16	36	120S	160E 4300731175	2470 Federal	GW	P	PETERS POINT
PRICKLY PEAR U FED 15-17-12-15	17	120S	150E 4300731183	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 11-17D-12-15	17	120S	150E 4300731184	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 7-22D-12-15	22	120S	150E 4300731186	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 3-22-12-15	22	120S	150E 4300731187	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 5-22D-12-15	22	120S	150E 4300731188	14794 Federal	GW	P	PRICKLY PEAR

PRICKLY PEAR 11-15D-12-15	22	120S	150E 4300731189	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 9-18D-12-15	18	120S	150E 4300731192	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 15-18-12-15	18	120S	150E 4300731193	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 16-27D-12-15	27	120S	150E 4300731194	15569 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 12-27D-12-15	27	120S	150E 4300731195	15568 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 10-27-12-15	27	120S	150E 4300731196	15570 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 9-20D-12-15	20	120S	150E 4300731197	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 7-20-12-15	20	120S	150E 4300731198	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 1-20-12-15	20	120S	150E 4300731206	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U ST 2-36-12-15	36	120S	150E 4300731226	15719 State	GW	P	
PRICKLY PEAR U ST 4-36-12-15	36	120S	150E 4300731227	14794 State	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 4-27D-12-15	22	120S	150E 4300731237	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 13-22-12-15	22	120S	150E 4300731238	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 3-27D-12-15	22	120S	150E 4300731239	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U ST 9-16-12-15	16	120S	150E 4300731240	14794 State	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 9-28D-12-15	28	120S	150E 4300731241	16028 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 5-27D-12-15	28	120S	150E 4300731242	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 1-28-12-15	28	120S	150E 4300731243	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 8-28D-12-15	28	120S	150E 4300731244	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U ST 1-16-12-15	16	120S	150E 4300731245	14794 State	GW	P	PRICKLY PEAR
PPU FED 11-18D-12-15	18	120S	150E 4300731257	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 11-20D-12-15	20	120S	150E 4300731258	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 4-25D-12-15	25	120S	150E 4300731259	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 12-25D-12-15	25	120S	150E 4300731260	16068 Federal	GW	P	PRICKLY PEAR
PPU FED 15-6D-13-17	06	130S	170E 4300731261	16103 Federal	GW	P	PETERS POINT
PP UF 3-36-12-16	36	120S	160E 4300731271	2470 Federal	GW	P	PETERS POINT
PP UF 6-36-12-16	36	120S	160E 4300731272	2470 Federal	GW	P	PETERS POINT
PPU FED 6-35D-12-16	35	120S	160E 4300731275	2470 Federal	GW	P	PETERS POINT
PPU FED 14-26D-12-16	26	120S	160E 4300731277	2470 Federal	GW	P	PETERS POINT
PPU FED 8-34-12-16	34	120S	160E 4300731279	2470 Federal	GW	P	PETERS POINT
PP ST 8-2D-13-16 (DEEP)	02	130S	160E 4300731280	16069 State	GW	P	
PPU FED 6-34D-12-16	34	120S	160E 4300731281	2470 Federal	GW	P	PETERS POINT
PPU FED 14-26D-12-15	35	120S	150E 4300731282	16224 Federal	GW	P	PRICKLY PEAR
PPU FED 2-35-12-15	35	120S	150E 4300731283	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 10-26D-12-15	35	120S	150E 4300731284	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 9-17-12-15	17	120S	150E 4300731287	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 1-17D-12-15	17	120S	150E 4300731288	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 7-17D-12-15	17	120S	150E 4300731289	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 7-1D-13-16 ULTRA DEEP	06	130S	170E 4300731293	14692 Federal	GW	P	PETERS POINT
PPU FED 1-18D-12-15	18	120S	150E 4300731294	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 7-18D-12-15	18	120S	150E 4300731295	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 5-17D-12-15	18	120S	150E 4300731296	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 10-17D-12-15	17	120S	150E 4300731307	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 8-17D-12-15	17	120S	150E 4300731308	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 12-17D-12-15	17	120S	150E 4300731309	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 13-17D-12-15	17	120S	150E 4300731310	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 14-17D-12-15	17	120S	150E 4300731311	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 16-18D-12-15	17	120S	150E 4300731312	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 8-18D-12-15	18	120S	150E 4300731313	14794 Federal	GW	P	PRICKLY PEAR

PPU FED 3-18D-12-15	18	120S	150E 4300731314	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 4-18-12-15	18	120S	150E 4300731315	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 5-18D-12-15	18	120S	150E 4300731316	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 6-18D-12-15	18	120S	150E 4300731317	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 16-27-12-16	27	120S	160E 4300731318	2470 Federal	GW	P	PETERS POINT
PPU FED 10-27D-12-16	27	120S	160E 4300731319	2470 Federal	GW	P	PETERS POINT
PPU FED 2-34D-12-16	34	120S	160E 4300731320	2470 Federal	GW	P	PETERS POINT
PPU FED 16-17D-12-15	17	120S	150E 4300731321	14794 Federal	GW	P	PRICKLY PEAR
PPU ST 15-16D-12-15	16	120S	150E 4300731322	14794 State	GW	P	PRICKLY PEAR
PPU ST 16-16D-12-15	16	120S	150E 4300731323	14794 State	GW	P	PRICKLY PEAR
PPU ST 14-16D-12-15	16	120S	150E 4300731324	14794 State	GW	P	PRICKLY PEAR
PPU FED 2-7D-13-17 DEEP	06	130S	170E 4300731326	14692 Federal	GW	P	PETERS POINT
PPU FED 3-21D-12-15	21	120S	150E 4300731328	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 4-21D-12-15	21	120S	150E 4300731329	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 2-35D-12-16	35	120S	160E 4300731345	2470 Federal	GW	P	PETERS POINT
PPU FED 7-35D-12-16	35	120S	160E 4300731346	2470 Federal	GW	P	PETERS POINT
PPU FED 4-35D-12-16	35	120S	160E 4300731347	2470 Federal	GW	P	PETERS POINT
PPU FED 7-36D-12-16	36	120S	160E 4300731348	2470 Federal	GW	P	PETERS POINT
PPU FED 11-36D-12-16	36	120S	160E 4300731349	2470 Federal	GW	P	PETERS POINT
PPU FED 15-25D-12-16	36	120S	160E 4300731351	2470 Federal	GW	P	PETERS POINT
PPU FED 13-25D-12-16	36	120S	160E 4300731352	2470 Federal	GW	P	PETERS POINT
PPU FED 4-36D-12-16	36	120S	160E 4300731353	2470 Federal	GW	P	PETERS POINT
PPU FED 13-15D-12-15	22	120S	150E 4300731358	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 14-15D-12-15	22	120S	150E 4300731359	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 4-22D-12-15	22	120S	150E 4300731360	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 6-22D-12-15	22	120S	150E 4300731361	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 2-28D-12-15	28	120S	150E 4300731362	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 16X-21D-12-15	28	120S	150E 4300731363	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 5A-27D-12-15	28	120S	150E 4300731364	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 1-35D-12-16	35	120S	160E 4300731365	2470 Federal	GW	P	PETERS POINT
PPU FED 1A-28D-12-15	28	120S	150E 4300731368	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 14A-18D-12-15	18	120S	150E 4300731393	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 10-18D-12-15	18	120S	150E 4300731394	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 15A-18D-12-15	18	120S	150E 4300731395	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 16A-18D-12-15	18	120S	150E 4300731396	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 12-22D-12-15	22	120S	150E 4300731398	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 11-22D-12-15	22	120S	150E 4300731399	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 14-22D-12-15	22	120S	150E 4300731400	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 4A-27D-12-15	22	120S	150E 4300731401	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 13-26D-12-16	26	120S	160E 4300731403	2470 Federal	GW	P	PETERS POINT
PPU FED 15-26D-12-16	26	120S	160E 4300731404	2470 Federal	GW	P	PETERS POINT
PPU FED 3-35D-12-16	26	120S	160E 4300731405	2470 Federal	GW	P	PETERS POINT
PPU FED 10-26D-12-16	26	120S	160E 4300731406	2470 Federal	GW	P	PETERS POINT
PPU FED 11-26D-12-16	26	120S	160E 4300731407	2470 Federal	GW	P	PETERS POINT
PPU FED 12-26D-12-16	26	120S	160E 4300731408	2470 Federal	GW	P	PETERS POINT
PPU FED 11-27D-12-16	27	120S	160E 4300731409	2470 Federal	GW	P	PETERS POINT
PPU FED 15-27D-12-16	27	120S	160E 4300731410	2470 Federal	GW	P	PETERS POINT
PPU FED 9-27D-12-16	27	120S	160E 4300731411	2470 Federal	GW	P	PETERS POINT
PPU FED 11-21D-12-15	21	120S	150E 4300731412	14794 Federal	GW	P	PRICKLY PEAR

PPU FED 6-21D-12-15	21	120S	150E 4300731413	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 12-21D-12-15	21	120S	150E 4300731414	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 8-20D-12-15	20	120S	150E 4300731419	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 1A-20D-12-15	20	120S	150E 4300731420	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 2-20D-12-15	20	120S	150E 4300731421	14794 Federal	GW	P	PRICKLY PEAR
PPU ST 7A-16D-12-15	16	120S	150E 4300731422	14794 State	GW	P	PRICKLY PEAR
PPU ST 6-16D-12-15	16	120S	150E 4300731423	14794 State	GW	P	PRICKLY PEAR
PPU ST 10A-16D-12-15	16	120S	150E 4300731424	14794 State	GW	P	PRICKLY PEAR
PPU ST 3-16D-12-15	16	120S	150E 4300731425	14794 State	GW	P	PRICKLY PEAR
PPU FED 1-34D-12-16	34	120S	160E 4300731427	2470 Federal	GW	P	PETERS POINT
PPU FED 7-34D-12-16	34	120S	160E 4300731428	2470 Federal	GW	P	PETERS POINT
PPU FED 5-35D-12-16	34	120S	160E 4300731429	2470 Federal	GW	P	PETERS POINT
PPU FED 5-21D-12-15	21	120S	150E 4300731451	14794 Federal	GW	P	PRICKLY PEAR
PPU ST 8-16D-12-15	16	120S	150E 4300731455	14794 State	GW	P	PRICKLY PEAR
PPU ST 12-16D-12-15	16	120S	150E 4300731456	14794 State	GW	P	PRICKLY PEAR
PPU ST 12A-16D-12-15	16	120S	150E 4300731457	14794 State	GW	P	PRICKLY PEAR
PPU ST 15A-16D-12-15	16	120S	150E 4300731458	14794 State	GW	P	PRICKLY PEAR
PPU ST 10-16D-12-15	16	120S	150E 4300731459	14794 State	GW	P	PRICKLY PEAR
PPU ST 11A-16D-12-15	16	120S	150E 4300731460	14794 State	GW	P	PRICKLY PEAR
PPU ST 13A-16D-12-15	16	120S	150E 4300731461	14794 State	GW	P	PRICKLY PEAR
PPU FED 3-34D-12-16	34	120S	160E 4300731466	2470 Federal	GW	P	PETERS POINT
PPU FED 5-34D-12-16	34	120S	160E 4300731467	2470 Federal	GW	P	PETERS POINT
PPU FED 4-34D-12-16	34	120S	160E 4300731468	2470 Federal	GW	P	PETERS POINT
PPU FED 10-7D-12-15	07	120S	150E 4300731470	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 15-7D-12-15	07	120S	150E 4300731471	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 9-7D-12-15	07	120S	150E 4300731472	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 16-7D-12-15	07	120S	150E 4300731473	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 10-35D-12-16	35	120S	160E 4300731474	2470 Federal	GW	P	PETERS POINT
PPU FED 9-35D-12-16	35	120S	160E 4300731476	2470 Federal	GW	P	PETERS POINT
PPU ST 6A-16D-12-15	16	120S	150E 4300731477	14794 State	GW	P	PRICKLY PEAR
PPU ST 4-16D-12-15	16	120S	150E 4300731478	14794 State	GW	P	PRICKLY PEAR
PPU ST 4A-16D-12-15	16	120S	150E 4300731479	14794 State	GW	P	PRICKLY PEAR
PPU ST 5A-16D-12-15	16	120S	150E 4300731480	14794 State	GW	P	PRICKLY PEAR
PPU ST 3A-16D-12-15	16	120S	150E 4300731481	14794 State	GW	P	PRICKLY PEAR
PPU ST 16A-16D-12-15	16	120S	150E 4300731484	14794 State	GW	P	PRICKLY PEAR
PPU ST 9A-16D-12-15	16	120S	150E 4300731485	14794 State	GW	P	PRICKLY PEAR
PPU ST 16B-16D-12-15	16	120S	150E 4300731514	14794 State	GW	P	PRICKLY PEAR
PPU ST 14B-16D-12-15	16	120S	150E 4300731515	14794 State	GW	P	PRICKLY PEAR
PPU ST 13B-16D-12-15	16	120S	150E 4300731516	14794 State	GW	P	PRICKLY PEAR
PETERS POINT U FED 9-26D-12-16	25	120S	160E 4300750021	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 11-25D-12-16	25	120S	160E 4300750022	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 10-31D-12-17	31	120S	170E 4300750023	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 11-31D-12-17	31	120S	170E 4300750024	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 13A-31D-12-17	31	120S	170E 4300750025	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 13-31D-12-17	31	120S	170E 4300750026	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 14-31D-12-17	31	120S	170E 4300750027	2470 Federal	ĠW	P	PETERS POINT
PETERS POINT U FED 14A-31D-12-17	31	120S	170E 4300750028	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 12-25D-12-16	25	120S	160E 4300750029	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 12-6D-13-17	31	120S	170E 4300750033	2470 Federal	GW	P	PETERS POINT

PETERS POINT U FED 10-25D-12-16	25	120S	160E 4300750035	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 13-36D-12-16	36	120S	160E 4300750037	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 15-36D-12-16	36	120S	160E 4300750038	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 11-1D-13-16	36	120S	160E 4300750039	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 12-1D-13-16	36	120S	160E 4300750040	2470 Federal	GW	P	PETERS POINT
PRICKLY PEAR U FED 9-22D-12-15	22	120S	150E 4300750041	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 10-22D-12-15	22	120S	150E 4300750042	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 16-22D-12-15	22	120S	150E 4300750043	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 2-27D-12-15	22	120S	150E 4300750044	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 16-15D-12-15	15	120S	150E 4300750045	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 15-15D-12-15	15	120S	150E 4300750046	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 10-15D-12-15	15	120S	150E 4300750047	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 9-15D-12-15	15	120S	150E 4300750048	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 11A-15D-12-15	15	120S	150E 4300750049	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 1-21D-12-15	21	120S	150E 4300750050	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 2-21D-12-15	21	120S	150E 4300750051	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 2A-21D-12-15	21	120S	150E 4300750052	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 4A-22D-12-15	21	120S	150E 4300750053	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 5A-22D-12-15	21	120S	150E 4300750054	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 7A-21D-12-15	21	120S	150E 4300750056	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 8-21D-12-15	21	120S	150E 4300750057	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 8A-21D-12-15	21	120S	150E 4300750057	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 16-8D-12-15	08	120S	150E 4300750059	14794 Federal	GW	P	PRICKLY PEAR
	08	120S	150E 4300750060	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 15-8D-12-15	08	120S	150E 4300750061	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 2-17D-12-15	08	120S	150E 4300750061	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 1A-17D-12-15		120S	160E 4300750062	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 3A-34D-12-16	27	120S	160E 4300750064	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 4A-34D-12-16	27	120S	160E 4300750064	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 12-27D-12-16	27			2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 13-27D-12-16	27	120S	160E 4300750066 160E 4300750067	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 13A-27D-12-16	27	120S		18204 Federal	GW	P	I LILKS I OHVI
PETERS POINT U FED 14-27D-12-16	27	120S	160E 4300750068				PETERS POINT
PETERS POINT U FED 14A-27D-12-16	27	120S	160E 4300750069	2470 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 1-22D-12-15	22	120S	150E 4300750076	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 2-22D-12-15	22	120S	150E 4300750077	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 8-22D-12-15	22	120S	150E 4300750078	14794 Federal	GW	P	
PRICKLY PEAR U FED 3-17D-12-15	17	120S	150E 4300750079	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 3A-17D-12-15	17	120S	150E 4300750080	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 4-17D-12-15	17	120S	150E 4300750081	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 4A-17D-12-15	17	120S	150E 4300750082	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 5A-17D-12-15	17	120S	150E 4300750083	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR Ú FED 6-17D-12-15	17	120S	150E 4300750084	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 6A-17D-12-15	17	120S	150E 4300750085	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 7A-17D-12-15	17	120S	150E 4300750086	14794 Federal	GW	Р	PRICKLY PEAR
PRICKLY PEAR U FED 12A-17D-12-15	17	120S	150E 4300750087	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 9-12D-12-14	12	120S	140E 4300750088	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 10-12D-12-14	12	120S	140E 4300750089	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 15-12D-12-14	12	120S	140E 4300750090	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 16-12D-12-14	12	120S	140E 4300750091	14794 Federal	GW	P	PRICKLY PEAR

PRICKLY PEAR U FED 3-20D-12-15	20	120S	150E 4300750098	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 3A-20D-12-15	20	120S	150E 4300750099	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 4-20D-12-15	20	120S	150E 4300750100	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 4A-20D-12-15	20	120S	150E 4300750101	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 5-20D-12-15	20	120S	150E 4300750102	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 6-20D-12-15	20	120S	150E 4300750104	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 6A-20D-12-15	20	120S	150E 4300750105	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 11A-20D-12-15	20	120S	150E 4300750106	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 12A-20D-12-15	20	120S	150E 4300750107	14794 Federal	GW	P	PRICKLY PEAR
PETERS POINT U FED 5-31D-12-17	36	120S	160E 4300750109	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 6-31D-12-17	36	120S	160E 4300750116	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 9X-36D-12-16	36	120S	160E 4300750117	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 1-36D-12-16	36	120S	160E 4300750118	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 10-6D-13-17	06	130S	170E 4300750119	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 15-31D-12-17	06	130S	170E 4300750123	2470 Federal	GW	P	PETERS POINT
PRICKLY PEAR UF 7A-18D-12-15	17	120S	150E 4300750136	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR UF 8A-18D-12-15	17	120S	150E 4300750137	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR UF 9A-18D-12-15	17	120S	150E 4300750138	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR UF 12-20D-12-15	20	120S	150E 4300750139	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR UF 16A-8D-12-15	08	120S	150E 4300750140	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR UF 15A-8D-12-15	08	120S	150E 4300750141	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR UF 13A-9D-12-15	08	120S	150E 4300750142	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR UF 13-9D-12-15	08	120S	150E 4300750143	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR UF 12-9D-12-15	08	120S	150E 4300750144	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR UF 10-8D-12-15	08	120S	150E 4300750145	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR UF 9-8D-12-15	08	120S	150E 4300750146	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR UF 2A-17D-12-15	08	120S	150E 4300750147	14794 Federal	GW	P	PRICKLY PEAR
PETERS POINT UF 12-5D-13-17	06	130S	170E 4300750151	2470 Federal	GW	P	PETERS POINT
PETERS POINT UF 13-5D-13-17	06	130S	170E 4300750152	2470 Federal	GW	P	PETERS POINT
PETERS POINT UF 13-30D-12-17	30	120S	170E 4300750153	18347 Federal	GW	P	PETERS POINT
PETERS POINT UF 14-30D-12-17	30	120S	170E 4300750154	18350 Federal	GW	P	PETERS POINT
PETERS POINT UF 12-30D-12-17	30	120S	170E 4300750155	18346 Federal	GW	P	PETERS POINT
PETERS POINT UF 11-30D-12-17	30	120S	170E 4300750156	18348 Federal	GW	P	PETERS POINT
PETERS POINT UF 3-31D-12-17	30	120S	170E 4300750157	2470 Federal	GW	P	PETERS POINT
PETERS POINT UF 2-31D-12-17	30	120S	170E 4300750158	18349 Federal	GW	P	PETERS POINT
PETERS POINT UF 16-25D-12-16	30	120S	170E 4300750159	2470 Federal	GW	P	PETERS POINT
PETERS POINT UF 9-25D-12-16	30	120S	170E 4300750160	2470 Federal	GW	P	PETERS POINT
PRICKLY PEAR UF 1A-22D-12-15	22	120S	150E 4300750171	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR UF 6A-22D-12-15	22	120S	150E 4300750173	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR UF 7A-22D-12-15	22	120S	150E 4300750174	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR UF 8A-22D-12-15	22	120S	150E 4300750175	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR UF 14B-15D-12-15	22	120S	150E 4300750176	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR UF 9-9D-12-15	09	120S	150E 4300750195	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR UF 16-9D-12-15	09	120S	150E 4300750202	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR UF 8-14D-12-15	14	120S	150E 4300750216	18289 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR UF 15-14D-12-15	14	120S	150E 4300750221	18290 Federal	GW	P	PRICKLY PEAR
PETERS POINT UF 7X-36D-12-16	36	120S	160E 4300750231	2470 Federal	GW	P	PETERS POINT
PETERS POINT UF 8-36D-12-16	36	120S	160E 4300750232	2470 Federal	GW	P	PETERS POINT
PETERS POINT ST 6-2D-13-16	02	130S	160E 4300731017	14472 State	D	PA	
1 E (E)(O) (O)(1) O) (O)(E) (O) (O) (O) (O) (O) (O) (O) (O) (O) (O	J2	1505	2302 .200.2101	—	-		

PTS 33-36 STATE	36	110S	140E 4301330486	6190 State	GW	PA	ARGYLE
PRICKLY PEAR U FED 10-4	10	120S	140E 4300730823	14462 Federal	GW	S	
PRICKLY PEAR U FASSELIN 5-19-12-15	19	120S	150E 4300730860	14853 Fee	GW	S	
PRICKLY PEAR U ST 5-16	16	120S	150E 4300730943	14794 State	GW	S	PRICKLY PEAR
PRICKLY PEAR U FED 7-33D-12-15	33	120S	150E 4300730985	14771 Federal	GW	S	
PETERS POINT ST 8-2D-13-16	02	130S	160E 4300731016	14471 State	GW	S	
PPU FED 4-35D-12-15	35	120S	150E 4300731285	16223 Federal	GW	S	PRICKLY PEAR
PPU FED 5-36D-12-16	36	120S	160E 4300731350	2470 Federal	GW	S	PETERS POINT
PRICKLY PEAR U FED 5A-20D-12-15	20	120S	150E 4300750103	14794 Federal	GW	S	PRICKLY PEAR
PRICKLY PEAR U FED 13A-17D-12-15	20.	120S	150E 4300750108	14794 Federal	GW	S	PRICKLY PEAR
PRICKLY PEAR UF 2A-22D-12-15	22	120S	150E 4300750172	14794 Federal	GW	S	PRICKLY PEAR